

Converting Colors

XYZ(88.1167, 90.8846, 97.2686)

Have a look what the booklet for
XYZ(88.1167, 90.8846, 97.2686)
contains.

XYZ(87.9240, 90.6105, 96.8599)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(87.9240, 90.6105,
96.8599)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF2F2
RGB	252, 242, 242
RGB Percent	99%, 95%, 95%
CMY	0.0118, 0.0510, 0.0510
CMYK	0.00, 0.04, 0.04, 0.01
HSL	0°, 63%, 97%
HSV	0°, 4%, 99%
XYZ	87.9240, 90.6105, 96.8599
YIQ	244.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

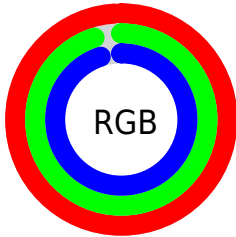
Format	Color
R _{YB}	252, 242, 242
Decimal	16577266
CIE Lab	96.25, 3.35, 1.18
CIE LCh	96, 3.553, 19.462
Yxy	90.6105, 0.3193, 0.3290
Android (android.graphics.Color)	4294767346 (0xFFFCF2F2)
YUV	244.9900, -1.4741, 6.1478
Hunter-Lab	95.1895, -1.7061, 6.3023

Details

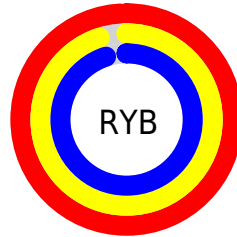
The XYZ color **87.9240, 90.6105, 96.8599** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.9989, 95.5249, 105.8440**, and the grayscale version is **86.7933, 91.3134, 99.4402**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.9275, 50.2651, 53.5777** is the 20% darker color. If you saturate the color by 10%, you get **77.4096, 75.2264, 75.9506**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

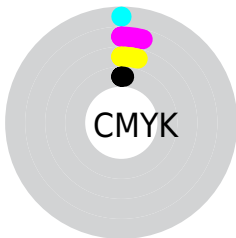
Distribution



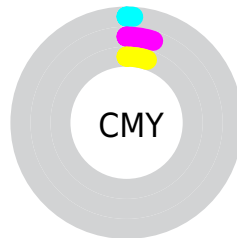
- Red (99%)
- Green (95%)
- Blue (95%)



- Red (99%)
- Yellow (95%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.9240, 90.6105, 96.8599 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.9240, 90.6105, 96.8599 by changing the saturation by 10% instead.


 87.9240, 90.6105,
96.8599

 87.9240, 90.6105,
96.8599


509.5934,
530.0148, 571.2380

 66.5907, 68.4871,
73.0785


143.3444,
148.1861, 158.8493

 49.0216, 50.2941,
53.5480

178.1622,
184.4071, 197.8943

 34.8512, 35.6471,
37.8497


218.2056,
226.0961, 242.8643

 23.7142, 24.1618,
25.5651

263.8399,
273.6375, 294.1779

 15.2454, 15.4537,
16.2757

315.4305,
327.4157, 352.2535

 9.0792, 9.1384,
9.5630

373.3427,

 4.8504, 4.8316,

387.8150, 417.5097

5.0084

437.9419,
455.2199, 490.3650

■ 2.1936, 2.1488,
2.1934

■ 0.7394, 0.6919,
0.6705

■ 87.9240, 90.6105,
96.8599

■ 87.9240, 90.6105,
96.8599

■ 77.4096, 75.2264,
75.9506

■ 93.9554, 99.4357,
108.8488

■ 68.3836, 62.0196,
58.0047

■ 60.7811, 50.8955,
42.8900

■ 54.5296, 41.7479,
30.4620

■ 49.5500, 34.4611,
20.5634

■ 45.7551, 28.9075,
13.0207

■ 43.0466, 24.9435,
7.6385

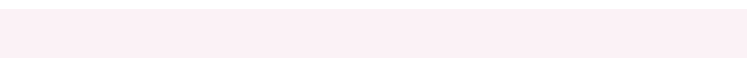
■ 41.3107, 22.4025,
4.1902

■ 40.4081, 21.0810,
2.3988

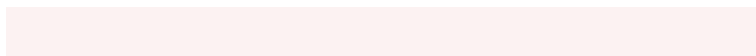
Harmonies

Analogous

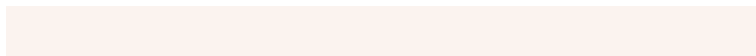
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0015, 90.6105, 99.6566



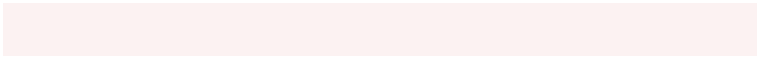
87.9240, 90.6105, 96.8599



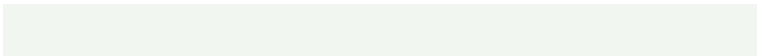
87.3617, 90.6105, 94.5870

Triad

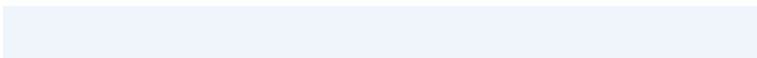
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.9240, 90.6105, 96.8599



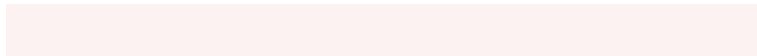
84.6886, 90.6105, 95.1695



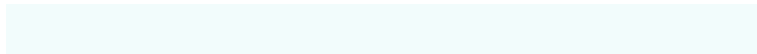
85.7760, 90.6105, 104.0989

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.9240, 90.6105, 96.8599



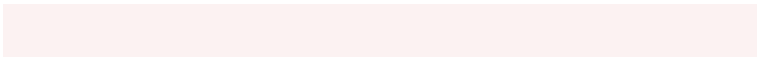
88.9989, 95.5249, 105.8440

Split Complementary

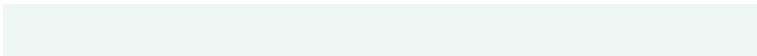
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8952, 90.6105, 102.8471



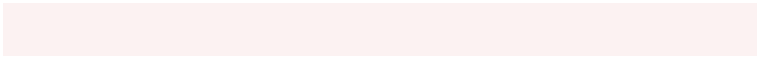
87.9240, 90.6105, 96.8599



84.2706, 90.6105, 97.6690

Square

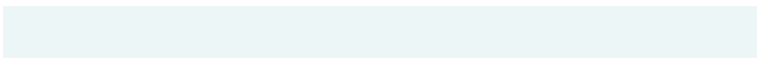
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.9240, 90.6105, 96.8599



85.4919, 90.6105, 93.6240



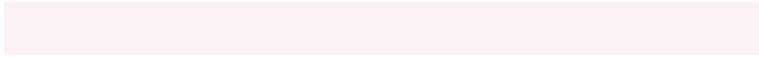
84.3459, 90.6105, 100.4811



86.7563, 90.6105, 103.8723

Rectangle

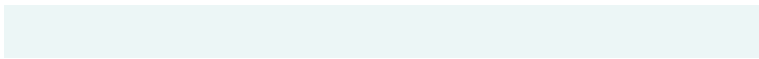
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



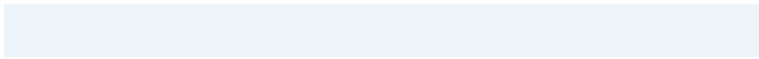
87.9240, 90.6105, 96.8599



86.7899, 90.6105, 93.6577



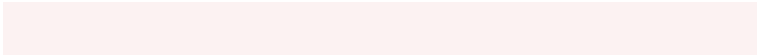
84.3459, 90.6105, 100.4811



85.4586, 90.6105, 103.8362

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.9266, 90.6144, 96.8619



93.8343, 98.2213, 106.4828



89.4689, 91.2293, 104.9901



20.0972, 21.0421, 22.8172



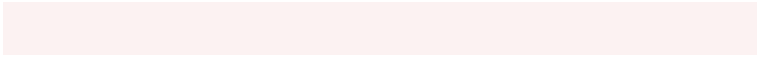
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9266, 90.6144, 96.8619



89.1328, 91.3423, 97.1344



89.4339, 93.6291, 97.3643



18.1023, 18.4804, 19.5826



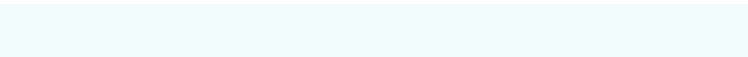
20.9128, 10.7822, 0.9790



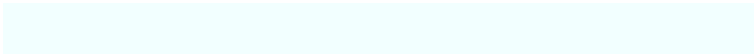
1.9371, 0.9990, 0.0907

Inverse Universe

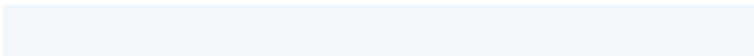
The Inverse Universe completely reimagines the original color for something new.



88.9989, 95.5249, 105.8440



90.5121, 97.6580, 108.6871



87.4507, 92.4284, 105.3279



18.4225, 19.9465, 22.2644



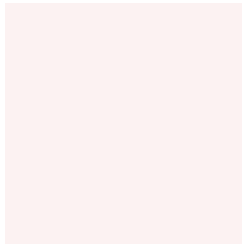
27.2686, 39.8927, 54.2364



2.5257, 3.6952, 5.0233

Previews

White Background



This preview shows how the XYZ color 87.9240, 90.6105, 96.8599 looks on a white background.

Color Contrast Check

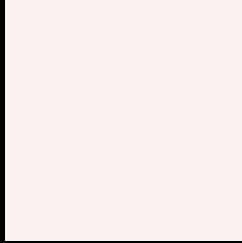
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.9240, 90.6105, 96.8599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

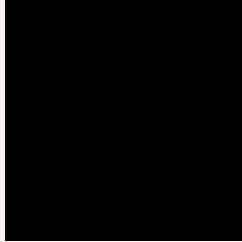
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

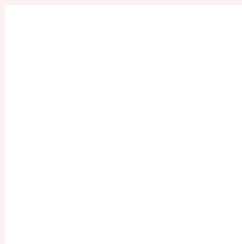
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.9240, 90.6105, 96.8599

Background



This preview shows how black text looks on a background with the XYZ color 87.9240, 90.6105, 96.8599.



This preview shows how white text looks on a background with the XYZ color 87.9240, 90.6105,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.9240, 90.6105, 96.8599

Protanopia

87.2952, 90.7120, 97.7022

Deuteranopia

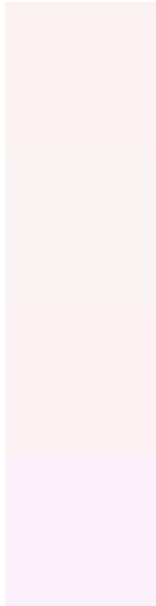
89.0244, 90.7022, 98.4031



Tritanopia

89.6502, 90.8260, 107.4138

Trichromacy



Original Color

87.9240, 90.6105, 96.8599

Protanomaly

87.6526, 90.8962, 97.7190

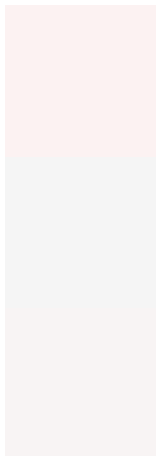
Deuteranomaly

88.5060, 90.4525, 97.5883

Tritanomaly

88.8555, 90.5082, 103.2291

Monochromacy



Original Color

87.9240, 90.6105, 96.8599

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.3912, 91.1895, 98.5833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9240, 90.6105, 96.8599 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(252, 242, 242) looks like.

```
.text, #text, p{  
    color:rgb(252, 242, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 242) }
```

Border

The CSS property to change the border of an element to XYZ 87.9240, 90.6105, 96.8599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 242, 242) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(252, 242, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 242,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 87.9240, 90.6105, 96.8599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 242, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
242, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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