

Converting Colors

XYZ(87.5986, 90.6805, 92.6535)

Have a look what the booklet for
XYZ(87.5986, 90.6805, 92.6535)
contains.

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Color

**XYZ(87.5462, 90.5013,
92.9751)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF2ED
RGB	253, 242, 237
RGB Percent	99%, 95%, 93%
CMY	0.0078, 0.0510, 0.0706
CMYK	0.00, 0.04, 0.06, 0.01
HSL	19°, 80%, 96%
HSV	19°, 6%, 99%
XYZ	87.5462, 90.5013, 92.9751
YIQ	244.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

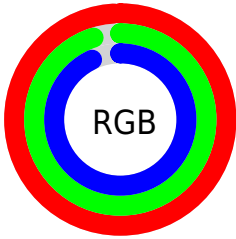
Format	Color
R _Y B	253, 244, 237
Decimal	16642797
CIE Lab	96.20, 2.85, 3.71
CIE LCh	96, 4.678, 52.530
Yxy	90.5013, 0.3230, 0.3339
Android (android.graphics.Color)	4294832877 (0xFFFD2ED)
YUV	244.7190, -3.8055, 7.2624
Hunter-Lab	95.1322, -2.2151, 8.6469

Details

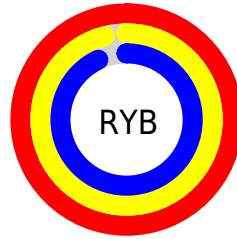
The XYZ color **87.5462, 90.5013, 92.9751** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.2220, 92.2298, 106.1874**, and the grayscale version is **86.5924, 91.1020, 99.2101**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6643, 50.1898, 50.8388** is the 20% darker color. If you saturate the color by 10%, you get **79.1769, 79.2660, 73.2170**, and if you desaturate by 10%, it is **94.3185, 99.6229, 108.8658**.

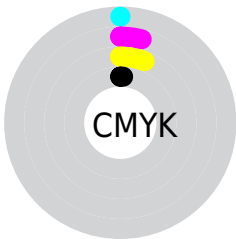
Distribution



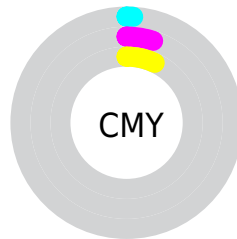
- Red (99%)
- Green (95%)
- Blue (93%)



- Red (99%)
- Yellow (96%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.5462, 90.5013, 92.9751 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 87.5462, 90.5013, 92.9751 by changing the saturation by 10% instead.

 87.5462, 90.5013,
92.9751

 87.5462, 90.5013,
92.9751


508.3737,
529.6602, 558.4798

 66.2768, 68.3965,
69.8633

142.8210,
148.0345, 153.4355

 48.7657, 50.2204,
50.9389


177.5571,
184.2317, 191.6212

 34.6474, 35.5885,
35.7836


217.5129,
225.8952, 235.6686

 23.5567, 24.1166,
23.9788

263.0536,
273.4093, 285.9962

 15.1280, 15.4201,
15.1058

314.5447,
327.1585, 343.0226

 8.9962, 9.1148,
8.7462

372.3515,

 4.7958, 4.8161,

387.5271, 407.1663

4.4815

436.8394,
454.8995, 478.8459

■ 2.1615, 2.1398,
1.8930

■ 0.7223, 0.6869,
0.4883

■ 87.5462, 90.5013,
92.9751

■ 87.5462, 90.5013,
92.9751

■ 79.1769, 79.2660,
73.2170

94.3185, 99.6229,
108.8658

■ 71.7833, 69.1834,
56.2488

■ 65.3304, 60.2196,
41.9453

■ 59.7782, 52.3346,
30.1695

■ 55.0836, 45.4861,
20.7718

■ 51.1994, 39.6285,
13.5868

■ 48.0738, 34.7127,
8.4277

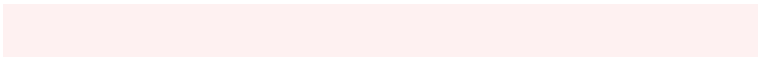
■ 45.6473, 30.6846,
5.0760

■ 43.8493, 27.4830,
3.2607

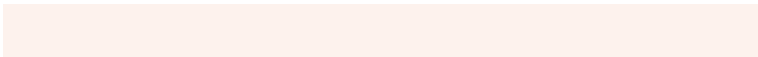
Harmonies

Analogous

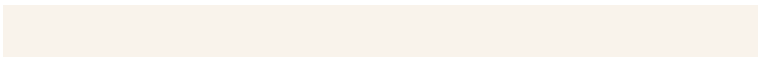
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3450, 90.5013, 95.8267



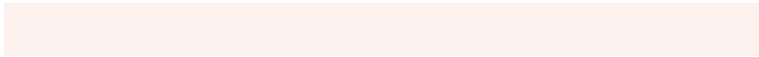
87.5462, 90.5013, 92.9751



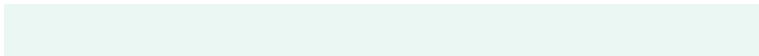
86.3437, 90.5013, 91.6212

Triad

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



87.5462, 90.5013, 92.9751



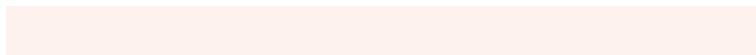
83.5675, 90.5013, 97.6141



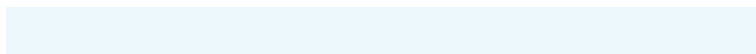
86.9787, 90.5013, 105.2921

Complementary

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



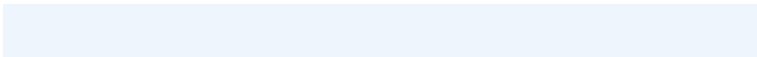
87.5462, 90.5013, 92.9751



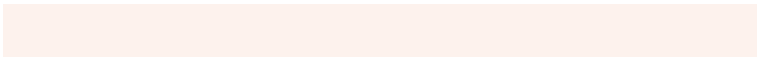
86.2220, 92.2298, 106.1874

Split Complementary

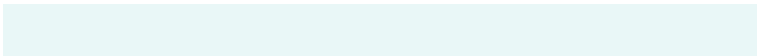
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6947, 90.5013, 105.7997



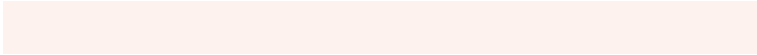
87.5462, 90.5013, 92.9751



83.7337, 90.5013, 101.3051

Square

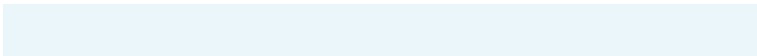
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.5462, 90.5013, 92.9751



84.0529, 90.5013, 94.2554



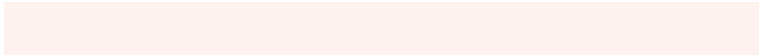
84.5092, 90.5013, 104.3237



88.0151, 90.5013, 102.9536

Rectangle

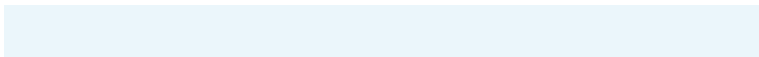
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.5462, 90.5013, 92.9751



85.4784, 90.5013, 91.7256



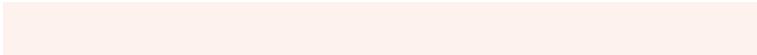
84.5092, 90.5013, 104.3237



86.5614, 90.5013, 105.6849

Sweetspot

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



87.5487, 90.5052, 92.9770



93.1317, 97.4600, 104.2634



87.7677, 88.2421, 101.3775



19.9541, 20.8871, 22.3652



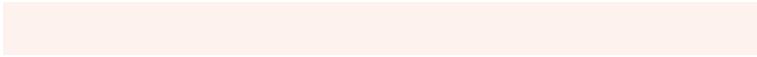
0.0000, 0.0000, 0.0000



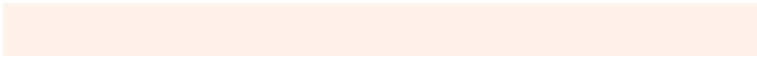
20.3446, 21.4041, 23.3091

Same Dimension

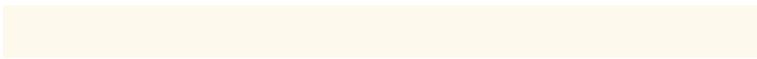
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5487, 90.5052, 92.9770



87.6272, 90.1341, 91.0738



89.9187, 95.2453, 93.7671



18.4729, 18.9139, 18.8215



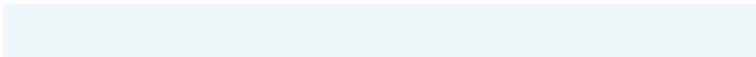
23.1551, 14.3215, 1.5439



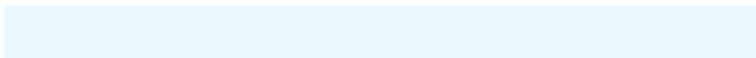
2.3472, 1.5798, 0.1812

Inverse Universe

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



86.2220, 92.2298, 106.1874



85.9372, 92.3305, 107.8999



83.8750, 87.5357, 105.4050



18.0475, 19.4666, 23.0562



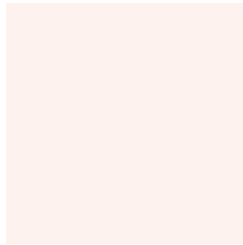
17.6060, 20.1216, 52.3905



1.8120, 2.1546, 5.1337

Previews

White Background



This preview shows how the XYZ color 87.5462, 90.5013, 92.9751 looks on a white background.

Color Contrast Check

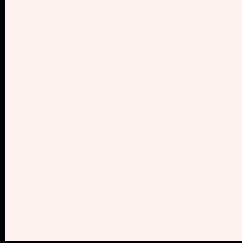
Large Text (above 18pt) WCAG AA × Fail

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 87.5462, 90.5013, 92.9751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

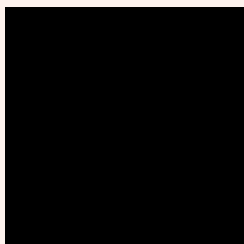
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

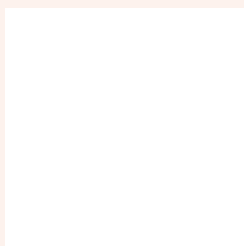
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.5462, 90.5013, 92.9751

Background



This preview shows how black text looks on a background with the XYZ color 87.5462, 90.5013, 92.9751.



This preview shows how white text looks on a background with the XYZ color 87.5462, 90.5013,

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

87.5462, 90.5013, 92.9751

Protanopia

86.9075, 90.5982, 93.7956

Deuteranopia

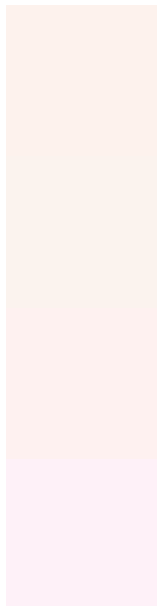
88.7223, 90.5814, 96.8122



Tritanopia

90.0831, 90.6110, 107.3495

Trichromacy



Original Color

87.5462, 90.5013, 92.9751

Protanomaly

87.2669, 90.7835, 93.8124

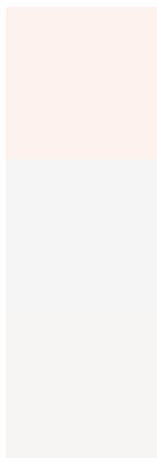
Deuteranomaly

88.0565, 90.2727, 95.2214

Tritanomaly

89.2716, 90.7587, 101.6200

Monochromacy



Original Color

87.5462, 90.5013, 92.9751

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.0891, 91.0686, 96.9923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.5462, 90.5013, 92.9751 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(253, 242, 237) looks like.

```
.text, #text, p{  
    color:rgb(253, 242, 237)  
}
```

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(253, 242, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 242, 237) }
```

Border

The CSS property to change the border of an element to XYZ 87.5462, 90.5013, 92.9751 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(253, 242, 237) }
```


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

```
.border{ border-color:rgb(253, 242, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 242, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 242, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 242, 237);  
box-shadow:4px 4px 4px 4px rgb(253, 242,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 87.5462, 90.5013, 92.9751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 242, 237) }
```

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

```
.background{ background-color: rgb(253,  
242, 237) }
```

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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