

Converting Colors

XYZ(87.7114, 90.9613, 96.1535)

Have a look what the booklet for
XYZ(87.7114, 90.9613, 96.1535)
contains.

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Color

**XYZ(87.7114, 90.9613,
96.1535)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF3F1
RGB	251, 243, 241
RGB Percent	98%, 95%, 95%
CMY	0.0157, 0.0470, 0.0549
CMYK	0.00, 0.03, 0.04, 0.02
HSL	12°, 56%, 96%
HSV	12°, 4%, 98%
XYZ	87.7114, 90.9613, 96.1535
YIQ	245.1640, 5.4100, 1.0740

Conversions

Conversions Part 2

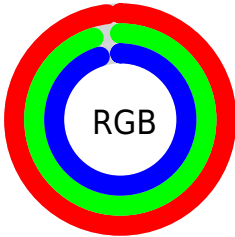
Format	Color
R _Y B	251, 244, 241
Decimal	16511985
CIE Lab	96.39, 2.33, 1.90
CIE LCh	96, 3.011, 39.182
Yxy	90.9613, 0.3192, 0.3310
Android (android.graphics.Color)	4294702065 (0xFFFBF3F1)
YUV	245.1640, -2.0529, 5.1182
Hunter-Lab	95.3736, -2.7444, 6.9867

Details

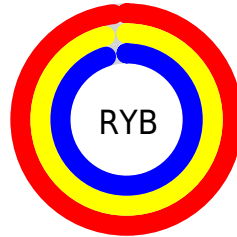
The XYZ color **87.7114, 90.9613, 96.1535** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.5637, 93.4157, 104.6837**, and the grayscale version is **86.9382, 91.4657, 99.6062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7754, 50.5128, 53.0781** is the 20% darker color. If you saturate the color by 10%, you get **78.5369, 78.2040, 75.8546**, and if you desaturate by 10%, it is **93.5941, 99.2495, 108.8319**.

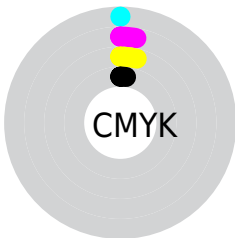
Distribution



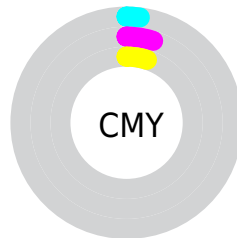
- Red (98%)
- Green (95%)
- Blue (95%)



- Red (98%)
- Yellow (96%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7114, 90.9613, 96.1535 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 87.7114, 90.9613, 96.1535 by changing the saturation by 10% instead.

87.7114, 90.9613,
96.1535

87.7114, 90.9613,
96.1535

508.9072,
531.1530, 568.9296

66.4141, 68.7782,
72.4932

143.0499,
148.6730, 157.8665

48.8776, 50.5311,
53.0724

177.8218,
184.9703, 196.7563

34.7365, 35.8356,
37.4724

217.8159,
226.7413, 241.5597

23.6255, 24.3072,
25.2748

263.3975,
274.3701, 292.6953

15.1793, 15.5617,
16.0611

314.9322,
328.2413, 350.5815

9.0325, 9.2145,
9.4125

372.7851,

4.8196, 4.8814,

388.7393, 415.6369

4.9108

437.3216,
456.2484, 488.2801

■ 2.1755, 2.1778,
2.1372

■ 0.7298, 0.7079,
0.6378

■ 87.7114, 90.9613,
96.1535

■ 87.7114, 90.9613,
96.1535

■ 78.5369, 78.2040,
75.8546

■ 93.5941, 99.2495,
108.8319

■ 70.4910, 66.9119,
58.3758

■ 63.5317, 57.0358,
43.5935

■ 57.6115, 48.5193,
31.3727

■ 52.6792, 41.3021,
21.5669

■ 48.6791, 35.3194,
14.0142

■ 45.5499, 30.5005,
8.5333

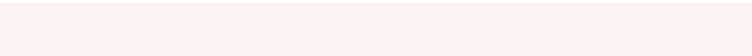
■ 43.2222, 26.7673,
4.9140

■ 41.6147, 24.0315,
2.9009

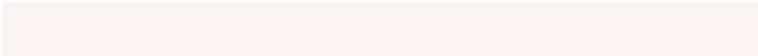
Harmonies

Analogous

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



88.0569, 90.9613, 98.3066



87.7114, 90.9613, 96.1535



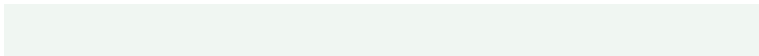
87.0301, 90.9613, 94.7890

Triad

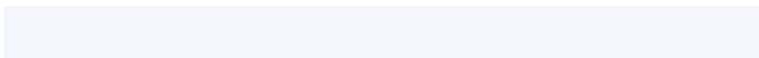
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7114, 90.9613, 96.1535



84.9581, 90.9613, 97.4099



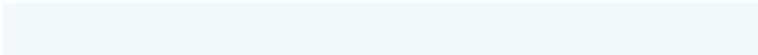
86.7135, 90.9613, 103.6686

Complementary

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



87.7114, 90.9613, 96.1535



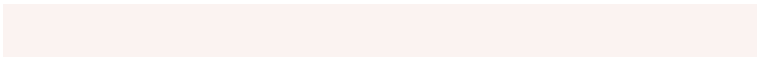
87.5637, 93.4157, 104.6837

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.



85.8844, 90.9613, 103.4191



87.7114, 90.9613, 96.1535



84.8746, 90.9613, 99.7798

Square

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



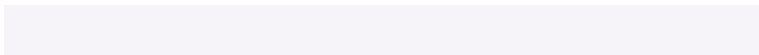
87.7114, 90.9613, 96.1535



85.4416, 90.9613, 95.5062



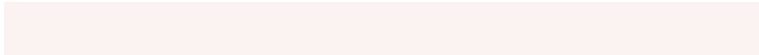
85.2126, 90.9613, 101.9865



87.4783, 90.9613, 102.6628

Rectangle

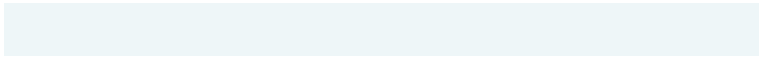
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



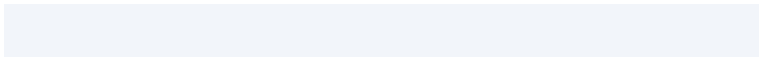
87.7114, 90.9613, 96.1535



86.4790, 90.9613, 94.4971



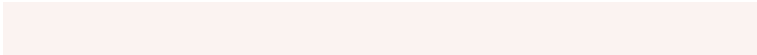
85.2126, 90.9613, 101.9865



86.4330, 90.9613, 103.7291

Sweetspot

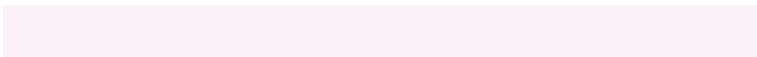
The Sweet Spot groups the original color and five complimentary colors.



87.7140, 90.9652, 96.1555



93.9951, 98.5429, 106.5364



88.3390, 90.2607, 102.3897



20.1299, 21.1076, 22.8281



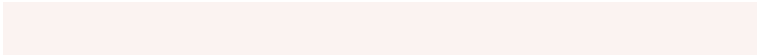
0.0000, 0.0000, 0.0000



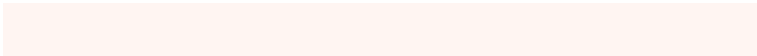
20.3446, 21.4041, 23.3091

Same Dimension

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



87.7140, 90.9652, 96.1555



89.8982, 92.8731, 97.3896



89.2294, 93.9961, 96.6606



18.2793, 18.8344, 19.6416



21.5994, 12.1555, 1.2078



2.0715, 1.2679, 0.1356

Inverse Universe

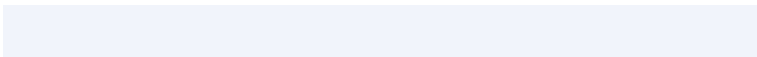
The Inverse Universe completely reimagines the original color for something new.



87.5637, 93.4157, 104.6837



89.7039, 96.0418, 108.4177



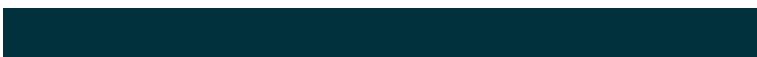
86.0402, 90.3685, 104.1759



18.2342, 19.5699, 22.2016



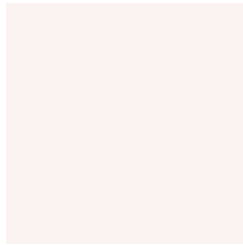
20.1995, 25.7546, 51.8801



1.9432, 2.5301, 4.8291

Previews

White Background



This preview shows how the XYZ color 87.7114, 90.9613, 96.1535 looks on a white background.

Color Contrast Check

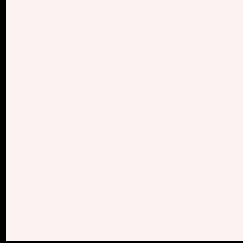
Large Text (above 18pt) WCAG AA × Fail

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 87.7114, 90.9613, 96.1535 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

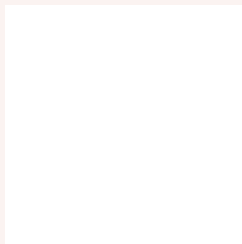
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.7114, 90.9613, 96.1535

Background



This preview shows how black text looks on a background with the XYZ color 87.7114, 90.9613, 96.1535.



This preview shows how white text looks on a background with the XYZ color 87.7114, 90.9613,

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

87.7114, 90.9613, 96.1535

Protanopia

87.3521, 90.7761, 96.1367

Deuteranopia

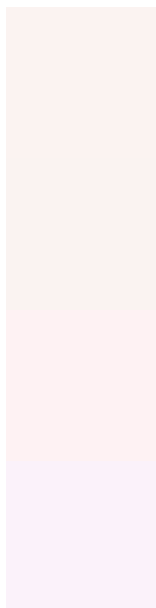
89.0244, 90.7022, 98.4031



Tritanopia

89.5858, 91.2335, 107.4959

Trichromacy



Original Color

87.7114, 90.9613, 96.1535

Protanomaly

87.3521, 90.7761, 96.1367

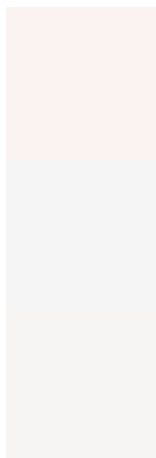
Deuteranomaly

88.8028, 91.0462, 97.6873

Tritanomaly

88.7911, 90.9156, 103.3112

Monochromacy



Original Color

87.7114, 90.9613, 96.1535

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.0376, 91.0072, 98.5667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7114, 90.9613, 96.1535 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(251, 243, 241) looks like.

```
.text, #text, p{  
    color:rgb(251, 243, 241)  
}
```

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(251, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 243, 241) }
```

Border

The CSS property to change the border of an element to XYZ 87.7114, 90.9613, 96.1535 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(251, 243, 241) }
```


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

```
.border{ border-color:rgb(251, 243, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 243, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(251, 243,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7114, 90.9613, 96.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 243, 241) }
```

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

```
.background{ background-color: rgb(251,  
243, 241) }
```

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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