

Converting Colors

XYZ(87.9194, 90.7134,
100.1910)

Have a look what the booklet for
XYZ(87.9194, 90.7134, 100.1910)
contains.

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Color

**XYZ(87.8110, 90.4821,
100.0254)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF2F6
RGB	250, 242, 246
RGB Percent	98%, 95%, 96%
CMY	0.0196, 0.0510, 0.0353
CMYK	0.00, 0.03, 0.02, 0.02
HSL	330°, 44%, 96%
HSV	330°, 3%, 98%
XYZ	87.8110, 90.4821, 100.0254
YIQ	244.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

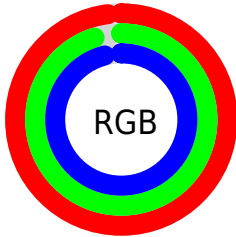
Format	Color
R _Y B	250, 242, 246
Decimal	16446198
CIE Lab	96.20, 3.37, -0.98
CIE LCh	96, 3.510, 343.777
Yxy	90.4821, 0.3155, 0.3251
Android (android.graphics.Color)	4294636278 (0xFFFAF2F6)
YUV	244.8480, 0.5679, 4.5183
Hunter-Lab	95.1221, -1.6831, 4.2392

Details

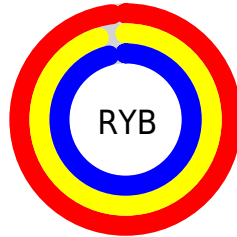
The XYZ color **87.8110, 90.4821, 100.0254** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.4415, 93.9046, 100.7102**, and the grayscale version is **86.6647, 91.1781, 99.2929**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1013, 50.3049, 55.8371** is the 20% darker color. If you saturate the color by 10%, you get **79.0180, 75.8645, 87.9407**, and if you desaturate by 10%, it is **93.2349, 99.0643, 108.8151**.

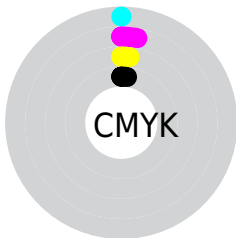
Distribution



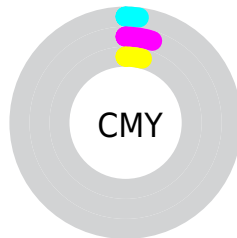
- Red (98%)
- Green (95%)
- Blue (96%)



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



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





- Cyan (2%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.8110, 90.4821, 100.0254 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 87.8110, 90.4821, 100.0254 by changing the saturation by 10% instead.


 87.8110, 90.4821,
100.0254

 87.8110, 90.4821,
100.0254


509.2288,
529.5979, 581.5215

 66.4968, 68.3806,
75.7047


143.1879,
148.0079, 163.2443

 48.9450, 50.2074,
55.6852


177.9813,
184.2009, 202.9796

 34.7902, 35.5782,
39.5483


217.9985,
225.8599, 248.6902

 23.6671, 24.1086,
26.8754

263.6048,
273.3692, 300.7946

 15.2102, 15.4142,
17.2481

315.1657,
327.1133, 359.7114

 9.0543, 9.1106,
10.2477

373.0464,

 4.8340, 4.8134,

387.4765, 425.8591

5.4558

437.6123,
454.8432, 499.6563

■ 2.1840, 2.1382,
2.4537

■ 0.7343, 0.6860,
0.8155

■ 87.8110, 90.4821,
100.0254

■ 87.8110, 90.4821,
100.0254

■ 79.0180, 75.8645,
87.9407

■ 93.2349, 99.0643,
108.8151

■ 71.3254, 63.2459,
76.8470

■ 64.6892, 52.5416,
66.7179

■ 59.0597, 43.6563,
57.5235

■ 54.3829, 36.4865,
49.2323

■ 50.5995, 30.9183,
41.8101

■ 47.6432, 26.8235,
35.2201

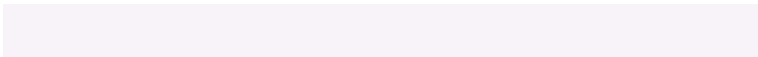
■ 45.4373, 24.0543,
29.4215

■ 43.8897, 22.4310,
24.3673

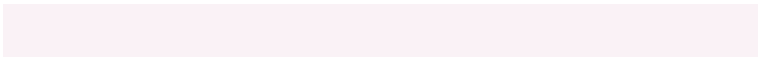
Harmonies

Analogous

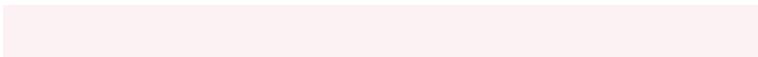
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3025, 90.4821, 102.4426



87.8110, 90.4821, 100.0254



87.8320, 90.4821, 97.2480

Triad

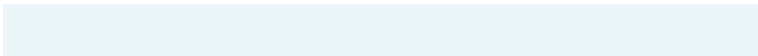
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8110, 90.4821, 100.0254



85.5554, 90.4821, 93.4025



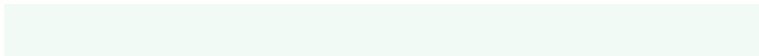
84.6556, 90.4821, 102.2766

Complementary

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



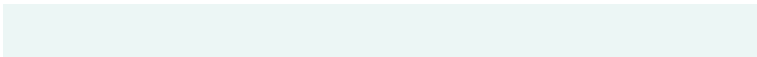
87.8110, 90.4821, 100.0254



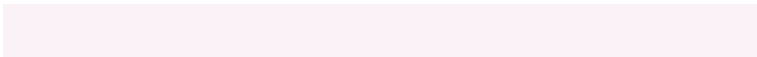
87.4415, 93.9046, 100.7102

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.



84.1947, 90.4821, 99.8023



87.8110, 90.4821, 100.0254



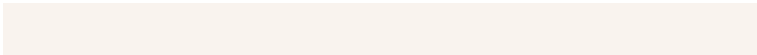
84.7115, 90.4821, 94.6981

Square

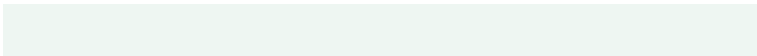
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.8110, 90.4821, 100.0254



86.5247, 90.4821, 93.4597



84.2151, 90.4821, 97.0290



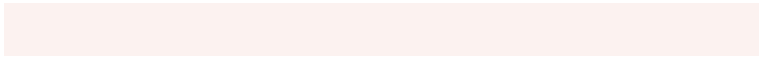
85.4785, 90.4821, 103.7590

Rectangle

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



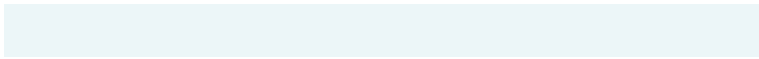
87.8110, 90.4821, 100.0254



87.5663, 90.4821, 95.5682



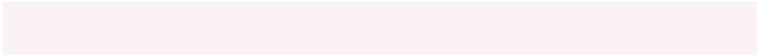
84.2151, 90.4821, 97.0290



84.4535, 90.4821, 101.5312

Sweetspot

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



87.8136, 90.4860, 100.0274



94.0372, 98.3019, 107.5525



87.0168, 90.0035, 103.2298



20.1385, 21.0585, 23.0349



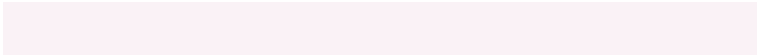
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

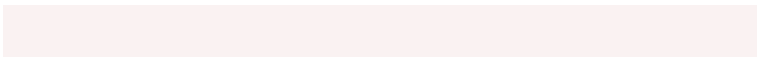
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8136, 90.4860, 100.0274



91.0712, 93.3396, 103.5745



87.2067, 90.2433, 96.8315



18.5136, 18.8800, 21.0239



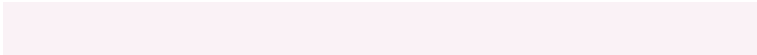
22.9458, 11.5941, 11.6891



2.1787, 1.0952, 1.3643

Inverse Universe

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



87.8136, 90.4860, 100.0274



91.0712, 93.3396, 103.5745



88.0616, 94.1526, 103.9756



18.5136, 18.8800, 21.0239



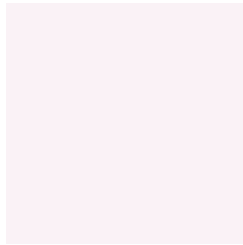
22.9458, 11.5941, 11.6891



2.1787, 1.0952, 1.3643

Previews

White Background



This preview shows how the XYZ color 87.8110, 90.4821, 100.0254 looks on a white background.

Color Contrast Check

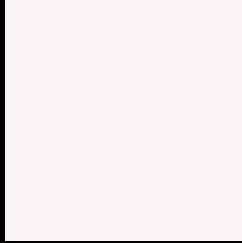
Large Text (above 18pt) WCAG AA × Fail

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 87.8110, 90.4821, 100.0254 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

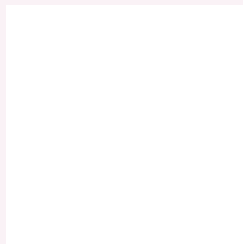
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.8110, 90.4821, 100.0254

Background



This preview shows how black text looks on a background with the XYZ color 87.8110, 90.4821, 100.0254.



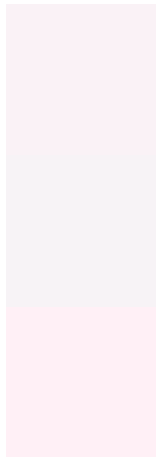
This preview shows how white text looks on a background with the XYZ color 87.8110, 90.4821,

100.0254.

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

87.8110, 90.4821, 100.0254

Protanopia

87.0429, 90.5292, 100.0750

Deuteranopia

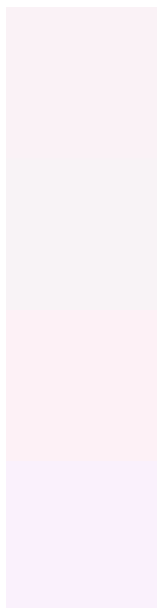
89.0346, 90.2340, 99.9131



Tritanopia

88.9296, 90.4546, 107.3801

Trichromacy



Original Color

87.8110, 90.4821, 100.0254

Protanomaly

87.3965, 90.7115, 100.0915

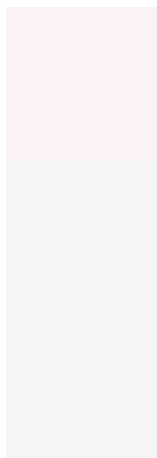
Deuteranomaly

88.5979, 90.4471, 99.9772

Tritanomaly

88.4503, 90.2629, 104.8561

Monochromacy



Original Color

87.8110, 90.4821, 100.0254

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.1899, 91.0681, 99.3687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.8110, 90.4821, 100.0254 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(250, 242, 246)` looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 246)  
}
```

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(250, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 246) }
```

Border

The CSS property to change the border of an element to XYZ 87.8110, 90.4821, 100.0254 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(250, 242, 246) }
```


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

```
.border{ border-color:rgb(250, 242, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 242, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(250, 242,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 87.8110, 90.4821, 100.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 246) }
```

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

```
.background{ background-color: rgb(250,  
242, 246) }
```

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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