

Converting Colors

XYZ(87.6630, 90.0697, 99.1637)

Have a look what the booklet for
XYZ(87.6630, 90.0697, 99.1637)
contains.

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Color

**XYZ(87.7204, 90.0124,
99.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF1F5
RGB	251, 241, 245
RGB Percent	98%, 95%, 96%
CMY	0.0157, 0.0549, 0.0392
CMYK	0.00, 0.04, 0.02, 0.02
HSL	336°, 56%, 96%
HSV	336°, 4%, 98%
XYZ	87.7204, 90.0124, 99.1370
YIQ	244.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

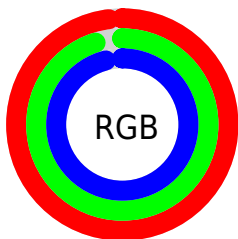
Format	Color
R _Y B	251, 241, 245
Decimal	16511477
CIE Lab	96.00, 4.04, -0.74
CIE LCh	96, 4.108, 349.642
Yxy	90.0124, 0.3168, 0.3251
Android (android.graphics.Color)	4294701557 (0xFFFBF1F5)
YUV	244.4460, 0.2731, 5.7479
Hunter-Lab	94.8749, -0.9916, 4.4589

Details

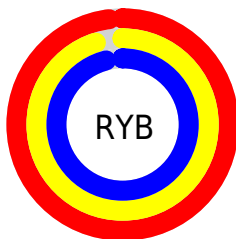
The XYZ color **87.7204, 90.0124, 99.1370** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.5647, 94.4129, 101.6087**, and the grayscale version is **86.3437, 90.8403, 98.9251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7824, 49.8414, 55.1934** is the 20% darker color. If you saturate the color by 10%, you get **78.5898, 75.2825, 85.2042**, and if you desaturate by 10%, it is **93.5942, 99.2495, 108.8319**.

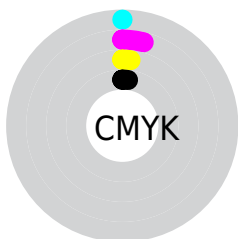
Distribution



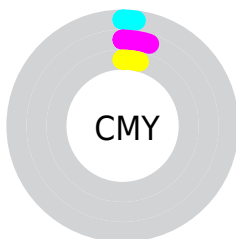
- Red (98%)
- Green (95%)
- Blue (96%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.7204, 90.0124, 99.1370 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 87.7204, 90.0124, 99.1370 by changing the saturation by 10% instead.


 87.7204, 90.0124,
99.1370

 87.7204, 90.0124,
99.1370


508.9363,
528.0712, 578.6453

 66.4216, 67.9909,
74.9671


143.0624,
147.3556, 162.0122

 48.8837, 49.8904,
55.0844


177.8362,
183.4462, 201.5547

 34.7414, 35.3263,
39.0702


217.8324,
224.9952, 247.0584

 23.6293, 23.9143,
26.5061

263.4163,
272.3870, 298.9420

 15.1821, 15.2701,
16.9735

314.9533,
326.0062, 357.6239

 9.0344, 9.0092,
10.0538

372.8087,

 4.8209, 4.7472,

386.2370, 423.5228

5.3286

437.3479,
453.4639, 497.0570

■ 2.1763, 2.0997,
2.3792

■ 0.7302, 0.6644,
0.7751

■ 87.7204, 90.0124,
99.1370

■ 87.7204, 90.0124,
99.1370

■ 78.5898, 75.2825,
85.2042

■ 93.5942, 99.2495,
108.8319

■ 70.6216, 62.5860,
72.5600

■ 63.7692, 51.8359,
61.1672

■ 57.9802, 42.9347,
50.9846

■ 53.1972, 35.7763,
41.9686

■ 49.3578, 30.2436,
34.0724

■ 46.3917, 26.2050,
27.2456

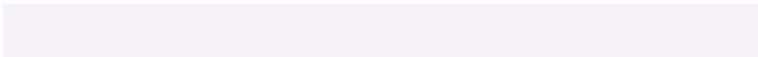
■ 44.2179, 23.5081,
21.4324

■ 42.7387, 21.9670,
16.5701

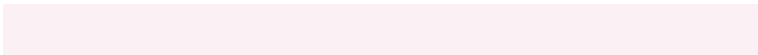
Harmonies

Analogous

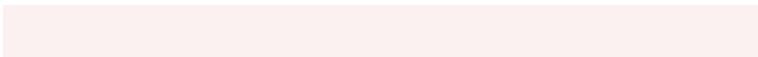
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2290, 90.0124, 102.1143



87.7204, 90.0124, 99.1370



87.6274, 90.0124, 95.9208

Triad

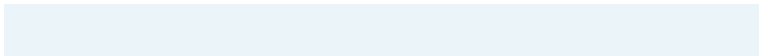
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7204, 90.0124, 99.1370



84.8221, 90.0124, 92.2349



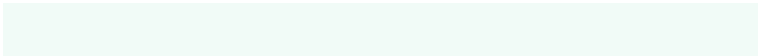
84.1477, 90.0124, 102.8519

Complementary

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



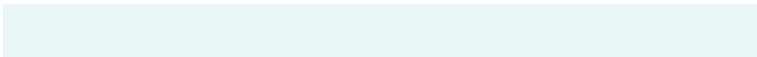
87.7204, 90.0124, 99.1370



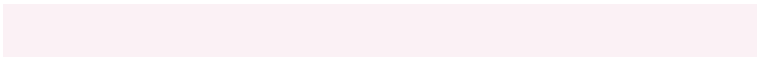
87.5647, 94.4129, 101.6087

Split Complementary

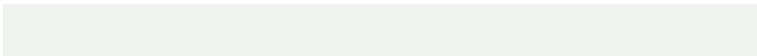
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5137, 90.0124, 100.1257



87.7204, 90.0124, 99.1370



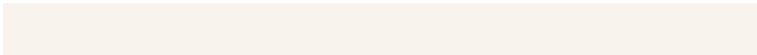
83.9007, 90.0124, 94.0136

Square

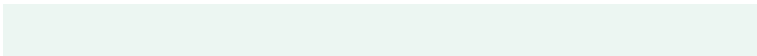
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



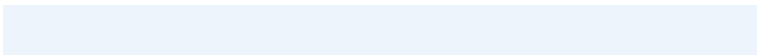
87.7204, 90.0124, 99.1370



85.9473, 90.0124, 91.9835



83.4237, 90.0124, 96.8880



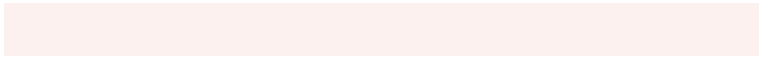
85.1620, 90.0124, 104.2904

Rectangle

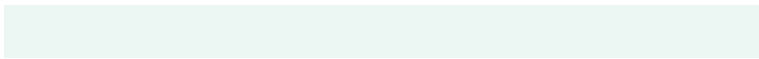
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



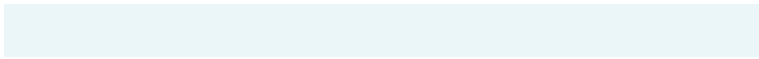
87.7204, 90.0124, 99.1370



87.2468, 90.0124, 94.0718



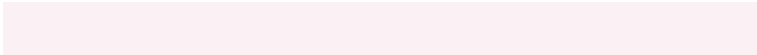
83.4237, 90.0124, 96.8880



83.8834, 90.0124, 102.0529

Sweetspot

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



87.7230, 90.0163, 99.1390



93.9964, 98.2856, 107.3379



87.2288, 89.6540, 103.9755



20.1302, 21.0552, 22.9912



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

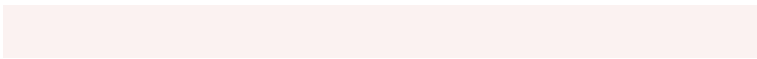
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.7230, 90.0163, 99.1390



89.9087, 91.6500, 101.2281



87.4160, 90.3683, 96.0592



18.2819, 18.5516, 20.5301



22.1968, 11.2944, 7.7448



2.1066, 1.0664, 0.9845

Inverse Universe

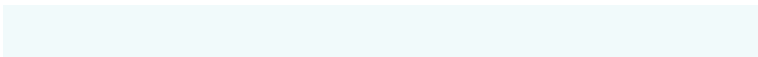
The Inverse Universe completely reimagines the original color for something new.



87.7230, 90.0163, 99.1390



89.9087, 91.6500, 101.2281



87.8767, 94.0394, 104.7879



18.2819, 18.5516, 20.5301



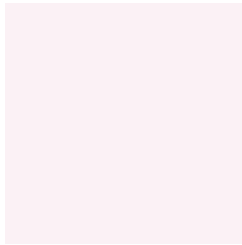
22.1968, 11.2944, 7.7448



2.1066, 1.0664, 0.9845

Previews

White Background



This preview shows how the XYZ color 87.7204, 90.0124, 99.1370 looks on a white background.

Color Contrast Check

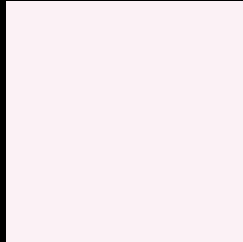
Large Text (above 18pt) WCAG AA × Fail

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 87.7204, 90.0124, 99.1370 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

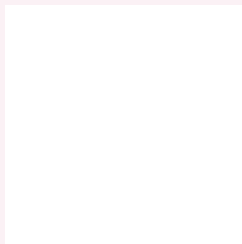
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.7204, 90.0124, 99.1370

Background



This preview shows how black text looks on a background with the XYZ color 87.7204, 90.0124, 99.1370.



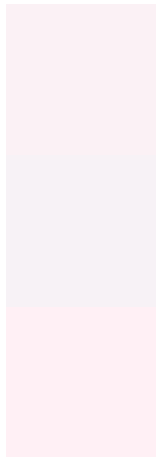
This preview shows how white text looks on a background with the XYZ color 87.7204, 90.0124,

99.170.

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

87.7204, 90.0124, 99.1370

Protanopia

86.7445, 89.9322, 99.9755

Deuteranopia

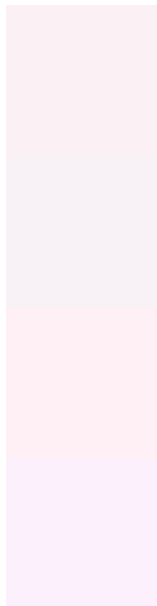
88.8815, 90.1727, 99.1067



Tritanopia

88.9937, 90.0494, 107.2985

Trichromacy



Original Color

87.7204, 90.0124, 99.1370

Protanomaly

87.0981, 90.1145, 99.9921

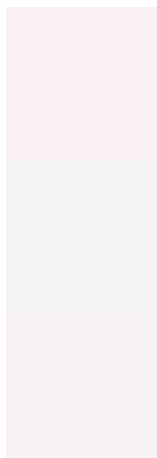
Deuteranomaly

88.5146, 89.9836, 99.0895

Tritanomaly

88.3563, 89.7944, 103.9420

Monochromacy



Original Color

87.7204, 90.0124, 99.1370

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.7375, 90.4070, 98.4667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7204, 90.0124, 99.1370 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, 241, 245) looks like.

```
.text, #text, p{  
    color:rgb(251, 241, 245)  
}
```

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, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 241, 245) }
```

Border

The CSS property to change the border of an element to XYZ 87.7204, 90.0124, 99.1370 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, 241, 245) }
```


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

```
.border{ border-color:rgb(251, 241, 245) }
```

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

Here you see how a box with a 4 pixel rgb(251, 241, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(251, 241,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7204, 90.0124, 99.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 241, 245) }
```

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

```
.background{ background-color: rgb(251,  
241, 245) }
```

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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