

Converting Colors

XYZ(87.4760, 87.4031,
104.0914)

Have a look what the booklet for
XYZ(87.4760, 87.4031, 104.0914)
contains.

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Color

**XYZ(87.7110, 87.7146,
104.4032)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEFCF
RGB	252, 236, 252
RGB Percent	99%, 93%, 99%
CMY	0.0118, 0.0745, 0.0118
CMYK	0.00, 0.06, 0.00, 0.01
HSL	300°, 73%, 96%
HSV	300°, 6%, 99%
XYZ	87.7110, 87.7146, 104.4032
YIQ	242.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

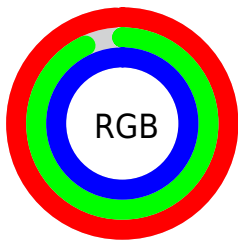
Format	Color
R_{YB}	252, 236, 252
Decimal	16575740
CIE Lab	95.04, 8.17, -5.77
CIE LCh	95, 9.999, 324.762
Yxy	87.7146, 0.3134, 0.3135
Android (android.graphics.Color)	4294765820 (0xFFFCFCFC)
YUV	242.6080, 4.6303, 8.2368
Hunter-Lab	93.6561, 3.2711, -0.5343

Details

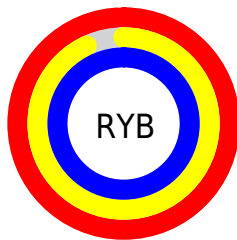
The XYZ color **87.7110, 87.7146, 104.4032** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5461, 93.5122, 92.9549**, and the grayscale version is **84.8441, 89.2626, 97.2069**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6773, 48.1847, 58.3648** is the 20% darker color. If you saturate the color by 10%, you get **80.9624, 74.2161, 102.1547**, and if you desaturate by 10%, it is **93.4764, 99.2441, 106.3261**.

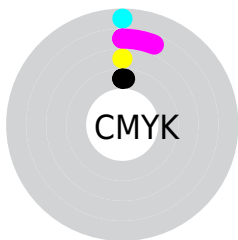
Distribution



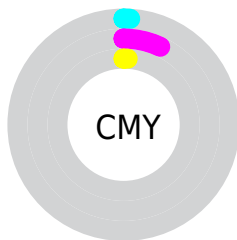
- Red (99%)
- Green (93%)
- Blue (99%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7110, 87.7146, 104.4032 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 87.7110, 87.7146, 104.4032 by changing the saturation by 10% instead.

 87.7110, 87.7146,
104.4032

 87.7110, 87.7146,
104.4032


508.9059,
520.5682, 595.5862

 66.4137, 66.0867,
79.3456


143.0493,
144.1598, 169.2996

 48.8773, 48.3428,
58.6570


177.8211,
179.7458, 209.9755

 34.7363, 34.0984,
41.9189


217.8151,
220.7534, 256.6945

 23.6254, 22.9692,
28.7127

263.3967,
267.5670, 309.8753

 15.1792, 14.5708,
18.6199

314.9312,
320.5708, 369.9363

 9.0324, 8.5187,
11.2219

372.7840,

 4.8196, 4.4286,

380.1494, 437.2961

6.1002

437.3205,
446.6870, 512.3732

■ 2.1755, 1.9161,
2.8364

■ 0.7298, 0.5580,
1.0117

■ 87.7110, 87.7146,
104.4032

■ 87.7110, 87.7146,
104.4032

■ 80.9624, 74.2161,
102.1547

■ 93.4764, 99.2441,
106.3261

■ 75.1923, 62.6759,
100.2312

■ 93.4764, 99.2441,
106.3262

■ 70.3576, 53.0065,
98.6196

■ 93.4764, 99.2441,
106.3262

■ 66.4090, 45.1094,
97.3034

■ 93.4765, 99.2441,
106.3263

63.2928, 38.8770,
96.2646

93.4765, 99.2441,
106.3264

60.9495, 34.1904,
95.4834

93.4765, 99.2442,
106.3264

59.3115, 30.9145,
94.9374

93.4765, 99.2442,
106.3265

58.3000, 28.8914,
94.6001

93.4765, 99.2442,
106.3266

57.8162, 27.9239,
94.4388

93.4765, 99.2442,
106.3266

Harmonies

Analogous

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



85.5778, 87.7146, 109.7494



87.7110, 87.7146, 104.4032



88.6824, 87.7146, 96.8790

Triad

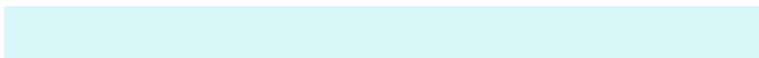
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7110, 87.7146, 104.4032



83.8481, 87.7146, 81.3660



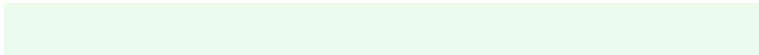
78.7148, 87.7146, 101.9122

Complementary

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



87.7110, 87.7146, 104.4032



84.5461, 93.5122, 92.9549

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.



78.2743, 87.7146, 94.1466



87.7110, 87.7146, 104.4032



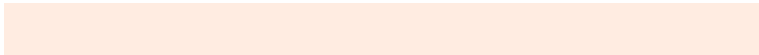
81.2007, 87.7146, 82.5520

Square

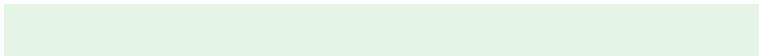
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



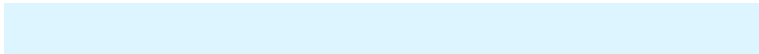
87.7110, 87.7146, 104.4032



86.4214, 87.7146, 83.7980



79.1748, 87.7146, 87.1297



80.3915, 87.7146, 108.2574

Rectangle

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



87.7110, 87.7146, 104.4032



88.5255, 87.7146, 91.7439



79.1748, 87.7146, 87.1297



78.4188, 87.7146, 99.3702

Sweetspot

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



87.7135, 87.7184, 104.4051



93.4445, 96.7891, 108.3648



82.1621, 84.8565, 104.1453



20.0178, 20.7505, 23.2001



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.



87.7135, 87.7184, 104.4051



88.8839, 87.6679, 106.8446



86.4723, 87.2219, 97.8688



17.9931, 17.5246, 21.8195



30.0646, 14.4416, 49.1762



2.7845, 1.3375, 4.5546

Inverse Universe

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



87.7135, 87.7184, 104.4051



88.8839, 87.6679, 106.8446



85.7346, 93.9876, 99.2136



17.9931, 17.5246, 21.8195



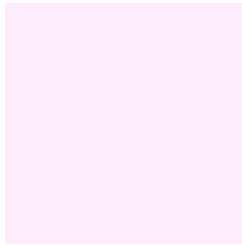
30.0646, 14.4416, 49.1762



2.7845, 1.3375, 4.5546

Previews

White Background



This preview shows how the XYZ color 87.7110, 87.7146, 104.4032 looks on a white background.

Color Contrast Check

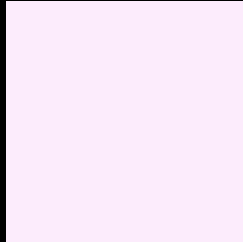
Large Text (above 18pt) WCAG AA × Fail

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 87.7110, 87.7146, 104.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

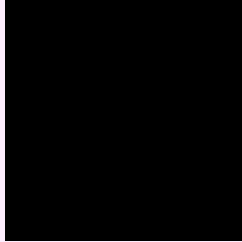
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.7110, 87.7146, 104.4032

Background



This preview shows how black text looks on a background with the XYZ color 87.7110, 87.7146, 104.4032.



This preview shows how white text looks on a background with the XYZ color 87.7110, 87.7146,

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

87.7110, 87.7146, 104.4032

Protanopia

85.0315, 87.5895, 106.1908

Deuteranopia

88.2036, 87.5788, 102.6980



Tritanopia

88.0297, 87.8421, 106.0815

Trichromacy



Original Color

87.7110, 87.7146, 104.4032

Protanomaly

85.9603, 87.6534, 105.3167

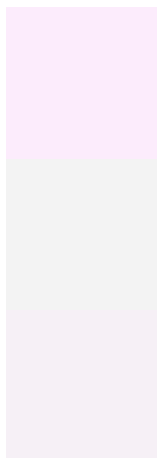
Deuteranomaly

87.9940, 87.4525, 103.5090

Tritanomaly

87.8700, 87.7782, 105.2401

Monochromacy



Original Color

87.7110, 87.7146, 104.4032

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.8007, 88.5668, 99.7617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7110, 87.7146, 104.4032 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, 236, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 236, 252)  
}
```

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, 236, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 236, 252) }
```

Border

The CSS property to change the border of an element to XYZ 87.7110, 87.7146, 104.4032 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, 236, 252) }
```


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

```
.border{ border-color:rgb(252, 236, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 236, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 236, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 236, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 236,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7110, 87.7146, 104.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 236, 252) }
```

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

```
.background{ background-color: rgb(252,  
236, 252) }
```

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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