

Converting Colors

XYZ(87.5653, 89.7657, 97.4662)

Have a look what the booklet for
XYZ(87.5653, 89.7657, 97.4662)
contains.

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Color

**XYZ(87.7778, 90.0771,
97.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF1F3
RGB	252, 241, 243
RGB Percent	99%, 95%, 95%
CMY	0.0118, 0.0549, 0.0471
CMYK	0.00, 0.04, 0.04, 0.01
HSL	349°, 65%, 97%
HSV	349°, 4%, 99%
XYZ	87.7778, 90.0771, 97.5543
YIQ	244.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

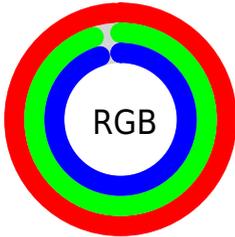
Format	Color
R _Y B	252, 241, 243
Decimal	16577011
CIE Lab	96.03, 4.03, 0.34
CIE LCh	96, 4.046, 4.889
Yxy	90.0771, 0.3187, 0.3271
Android (android.graphics.Color)	4294767091 (0xFFFCF1F3)
YUV	244.5170, -0.7479, 6.5626
Hunter-Lab	94.9090, -1.0026, 5.4937

Details

The XYZ color **87.7778, 90.0771, 97.5543** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.3447, 95.2259, 104.1712**, and the grayscale version is **86.4078, 90.9078, 98.9986**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8243, 49.8879, 54.0697** is the 20% darker color. If you saturate the color by 10%, you get **77.8867, 75.0021, 79.7433**, and if you desaturate by 10%, it is **93.9553, 99.4357, 108.8488**.

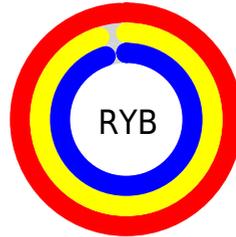
Distribution



Red (99%)

Green (95%)

Blue (95%)



Red (99%)

Yellow (95%)

Blue (95%)

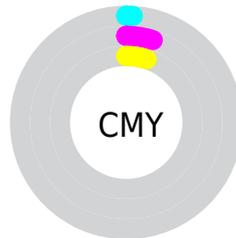


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (1%)



Cyan (1%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7778, 90.0771, 97.5543 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 87.7778, 90.0771, 97.5543 by changing the saturation by 10% instead.

 87.7778, 90.0771,
97.5543

 87.7778, 90.0771,
97.5543

509.1216,
528.2816, 573.5023

 66.4692, 68.0446,
73.6542

143.1419,
147.4455, 159.8146

 48.9225, 49.9340,
54.0159

177.9281,
183.5501, 199.0118

 34.7723, 35.3610,
38.2211

217.9376,
225.1143, 244.1451

 23.6532, 23.9411,
25.8512

263.5357,
272.5224, 295.6331

 15.1999, 15.2899,
16.4876

315.0878,
326.1588, 353.8943

 9.0470, 9.0231,
9.7118

372.9593,

 4.8292, 4.7563,

386.4078, 419.3472

5.1052

437.5154,
453.6540, 492.4103

■ 2.1811, 2.1050,
2.2493

■ 0.7328, 0.6674,
0.7026

■ 87.7778, 90.0771,
97.5543

■ 87.7778, 90.0771,
97.5543

■ 77.8867, 75.0021,
79.7433

■ 93.9553, 99.4357,
108.8488

■ 69.3213, 62.0380,
64.0426

■ 62.0269, 51.0938,
50.3754

■ 55.9423, 42.0675,
38.6576

■ 51.0008, 34.8480,
28.7995

■ 47.1296, 29.3130,
20.7040

■ 44.2470, 25.3247,
14.2652

■ 42.2591, 22.7234,
9.3651

■ 41.0529, 21.3144,
5.8694

Harmonies

Analogous

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



87.5791, 90.0771, 100.7176



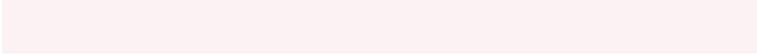
87.7778, 90.0771, 97.5543



87.3930, 90.0771, 94.5953

Triad

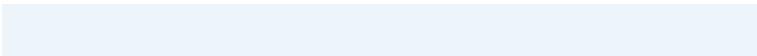
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7778, 90.0771, 97.5543



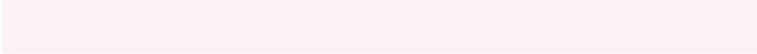
84.3905, 90.0771, 93.1094



84.7055, 90.0771, 103.7661

Complementary

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



87.7778, 90.0771, 97.5543



88.3447, 95.2259, 104.1712

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.



83.8624, 90.0771, 101.6465



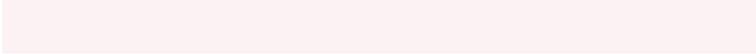
87.7778, 90.0771, 97.5543



83.6816, 90.0771, 95.4862

Square

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



87.7778, 90.0771, 97.5543



85.4323, 90.0771, 92.0649



83.4892, 90.0771, 98.6049



85.7991, 90.0771, 104.3487

Rectangle

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



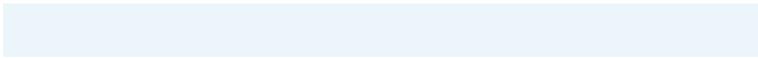
87.7778, 90.0771, 97.5543



86.8594, 90.0771, 93.1226



83.4892, 90.0771, 98.6049



84.3837, 90.0771, 103.2075

Sweetspot

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



87.7803, 90.0810, 97.5562



93.9076, 98.2501, 106.8704



88.4471, 90.2638, 104.8575



20.1121, 21.0480, 22.8961



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.



87.7803, 90.0810, 97.5562



89.4816, 91.4792, 98.9789



88.5211, 92.0423, 96.3242



18.1829, 18.5121, 20.0090



21.2043, 10.8974, 2.5182



1.9978, 1.0229, 0.4120

Inverse Universe

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



87.7803, 90.0810, 97.5562



89.4816, 91.4792, 98.9789



87.5759, 93.1848, 105.4672



18.1829, 18.5121, 20.0090



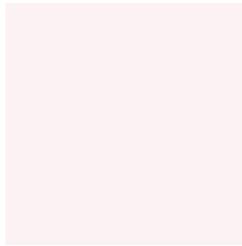
21.2043, 10.8974, 2.5182



1.9978, 1.0229, 0.4120

Previews

White Background



This preview shows how the XYZ color 87.7778, 90.0771, 97.5543 looks on a white background.

Color Contrast Check

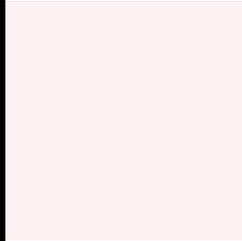
Large Text (above 18pt) WCAG AA × Fail

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 87.7778, 90.0771, 97.5543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

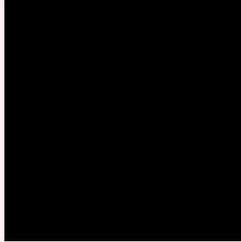
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.7778, 90.0771, 97.5543

Background



This preview shows how black text looks on a background with the XYZ color 87.7778, 90.0771, 97.5543.

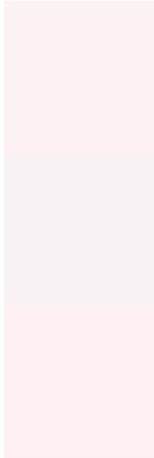


This preview shows how white text looks on a background with the XYZ color 87.7778, 90.0771,

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

87.7778, 90.0771, 97.5543

Protanopia

86.7927, 89.9924, 98.3838

Deuteranopia

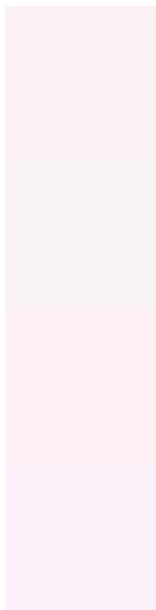
88.7292, 90.1118, 98.3047



Tritanopia

89.3550, 90.2356, 107.3154

Trichromacy



Original Color

87.7778, 90.0771, 97.5543

Protanomaly

87.1482, 90.1757, 98.4004

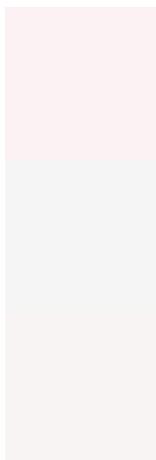
Deuteranomaly

88.3623, 89.9227, 98.2876

Tritanomaly

88.7176, 89.9807, 103.9589

Monochromacy



Original Color

87.7778, 90.0771, 97.5543

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.3912, 91.1895, 98.5833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7778, 90.0771, 97.5543 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, 241, 243) looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 243)  
}
```

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, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 243) }
```

Border

The CSS property to change the border of an element to XYZ 87.7778, 90.0771, 97.5543 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, 241, 243) }
```

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

```
.border{ border-color:rgb(252, 241, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 241, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 243);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7778, 90.0771, 97.5543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 243) }
```

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

```
.background{ background-color: rgb(252,  
241, 243) }
```

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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