

Converting Colors

XYZ(87.6993, 90.3547, 97.6705)

Have a look what the booklet for
XYZ(87.6993, 90.3547, 97.6705)
contains.

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Color

**XYZ(87.7135, 90.4846,
97.6363)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF2F3
RGB	251, 242, 243
RGB Percent	98%, 95%, 95%
CMY	0.0157, 0.0510, 0.0471
CMYK	0.00, 0.04, 0.03, 0.02
HSL	353°, 53%, 97%
HSV	353°, 4%, 98%
XYZ	87.7135, 90.4846, 97.6363
YIQ	244.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

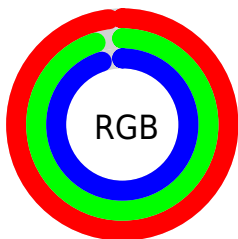
Format	Color
R _Y B	251, 242, 243
Decimal	16511731
CIE Lab	96.20, 3.19, 0.58
CIE LCh	96, 3.238, 10.348
Yxy	90.4846, 0.3180, 0.3280
Android (android.graphics.Color)	4294701811 (0xFFFBF2F3)
YUV	244.8050, -0.8899, 5.4330
Hunter-Lab	95.1234, -1.8707, 5.7301

Details

The XYZ color **87.7135, 90.4846, 97.6363** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.3739, 94.7761, 104.0831**, and the grayscale version is **86.6407, 91.1527, 99.2653**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.7767, 50.1750, 54.1276** is the 20% darker color. If you saturate the color by 10%, you get **77.5813, 75.2901, 78.6266**, and if you desaturate by 10%, it is **93.5942, 99.2495, 108.8319**.

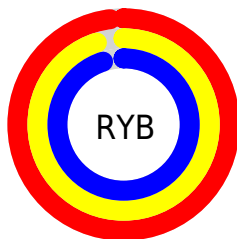
Distribution



Red (98%)

Green (95%)

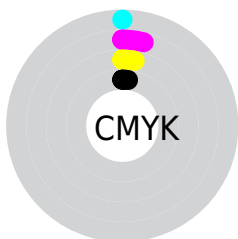
Blue (95%)



Red (98%)

Yellow (95%)

Blue (95%)

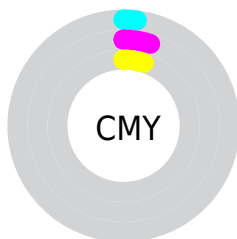


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (2%)



Cyan (2%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7135, 90.4846, 97.6363 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 87.7135, 90.4846, 97.6363 by changing the saturation by 10% instead.

87.7135, 90.4846,
97.6363

87.7135, 90.4846,
97.6363

508.9140,
529.6060, 573.7693

66.4158, 68.3826,
73.7221

143.0528,
148.0113, 159.9285

48.8790, 50.2091,
54.0712

177.8251,
184.2049, 199.1437

34.7376, 35.5796,
38.2651

217.8197,
225.8645, 244.2963

23.6264, 24.1097,
25.8850

263.4019,
273.3744, 295.8048

15.1800, 15.4150,
16.5127

314.9371,
327.1192, 354.0879

9.0329, 9.1112,
9.7294

372.7906,

4.8199, 4.8138,

387.4831, 419.5639

5.1167

437.3278,
454.8505, 492.6516

■ 2.1757, 2.1384,
2.2559

■ 0.7299, 0.6861,
0.7064

■ 87.7135, 90.4846,
97.6363

■ 87.7135, 90.4846,
97.6363

■ 77.5813, 75.2901,
78.6266

■ 93.5942, 99.2495,
108.8319

■ 68.8256, 62.2173,
62.0244

■ 61.3891, 51.1752,
47.7352

■ 55.2076, 42.0619,
35.6562

■ 50.2114, 34.7664,
25.6765

■ 46.3241, 29.1668,
17.6761

■ 43.4603, 25.1257,
11.5222

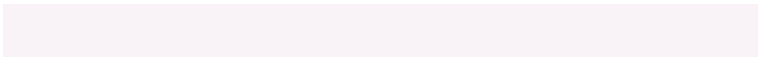
■ 41.5219, 22.4846,
7.0659

■ 40.3909, 21.0511,
4.1348

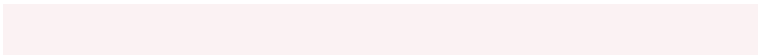
Harmonies

Analogous

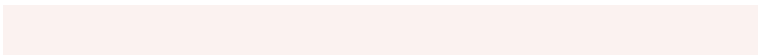
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6400, 90.4846, 100.1955



87.7135, 90.4846, 97.6363



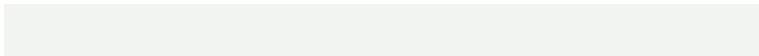
87.3262, 90.4846, 95.3538

Triad

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



87.7135, 90.4846, 97.6363



84.8893, 90.4846, 94.7997



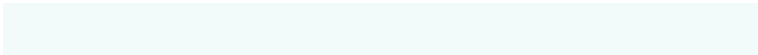
85.4233, 90.4846, 103.2554

Complementary

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



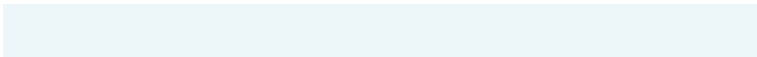
87.7135, 90.4846, 97.6363



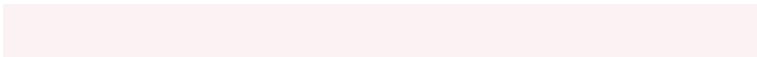
88.3739, 94.7761, 104.0831

Split Complementary

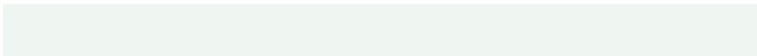
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6931, 90.4846, 101.7603



87.7135, 90.4846, 97.6363



84.3863, 90.4846, 96.8679

Square

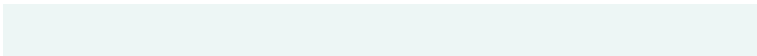
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



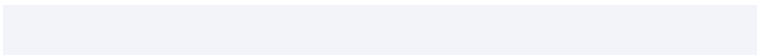
87.7135, 90.4846, 97.6363



85.6930, 90.4846, 93.7351



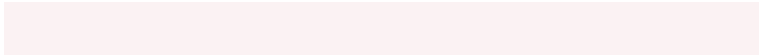
84.3147, 90.4846, 99.4137



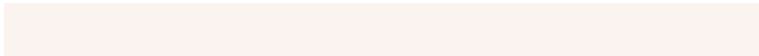
86.3136, 90.4846, 103.4698

Rectangle

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



87.7135, 90.4846, 97.6363



86.8604, 90.4846, 94.2851



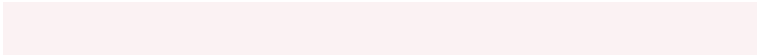
84.3147, 90.4846, 99.4137



85.1511, 90.4846, 102.8847

Sweetspot

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



87.7161, 90.4885, 97.6383



93.8789, 98.2386, 106.7190



88.5739, 90.7881, 104.1236



20.1063, 21.0457, 22.8653



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.



87.7161, 90.4885, 97.6383



90.4556, 93.0933, 100.3329



88.6022, 92.5007, 97.1937



18.3651, 18.8206, 20.2419



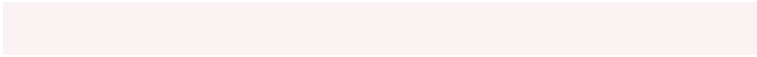
21.0462, 10.8342, 1.6859



1.9739, 1.0133, 0.2861

Inverse Universe

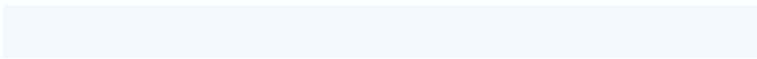
The Inverse Universe completely reimagines the original color for something new.



87.7161, 90.4885, 97.6383



90.4556, 93.0933, 100.3329



87.4631, 92.7039, 104.5519



18.3651, 18.8206, 20.2419



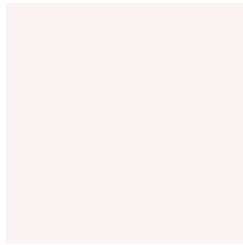
21.0462, 10.8342, 1.6859



1.9739, 1.0133, 0.2861

Previews

White Background



This preview shows how the XYZ color 87.7135, 90.4846, 97.6363 looks on a white background.

Color Contrast Check

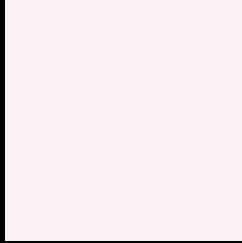
Large Text (above 18pt) WCAG AA × Fail

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 87.7135, 90.4846, 97.6363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

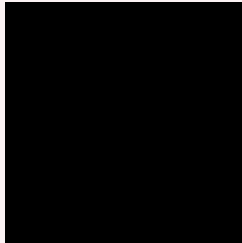
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

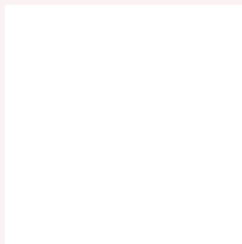
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.7135, 90.4846, 97.6363

Background



This preview shows how black text looks on a background with the XYZ color 87.7135, 90.4846, 97.6363.

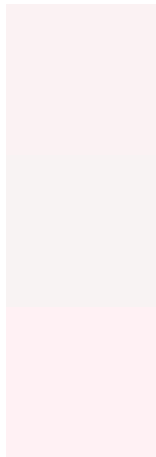


This preview shows how white text looks on a background with the XYZ color 87.7135, 90.4846, 97.6363.

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

87.7135, 90.4846, 97.6363

Protanopia

86.9397, 90.5287, 97.6856

Deuteranopia

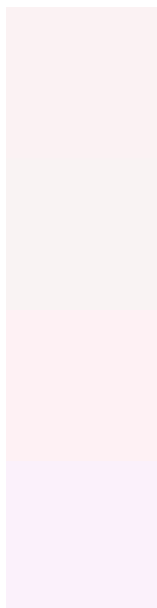
89.0244, 90.7022, 98.4031



Tritanopia

89.2890, 90.6398, 107.3969

Trichromacy



Original Color

87.7135, 90.4846, 97.6363

Protanomaly

87.2952, 90.7120, 97.7022

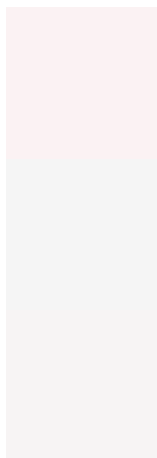
Deuteranomaly

88.6575, 90.5131, 98.3860

Tritanomaly

88.6515, 90.3849, 104.0404

Monochromacy



Original Color

87.7135, 90.4846, 97.6363

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 87.7135, 90.4846, 97.6363 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, 242, 243) looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 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(251, 242, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 243) }
```

Border

The CSS property to change the border of an element to XYZ 87.7135, 90.4846, 97.6363 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, 242, 243) }
```


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

```
.border{ border-color:rgb(251, 242, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 242, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 243);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 87.7135, 90.4846, 97.6363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 243) }
```

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

```
.background{ background-color: rgb(251,  
242, 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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