

Converting Colors

XYZ(87.1886, 91.7292, 99.8931)

Have a look what the booklet for
XYZ(87.1886, 91.7292, 99.8931)
contains.

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Color

**XYZ(87.0934, 91.9166,
99.5376)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F6F5
RGB	245, 246, 245
RGB Percent	96%, 96%, 96%
CMY	0.0392, 0.0353, 0.0392
CMYK	0.00, 0.00, 0.00, 0.04
HSL	120°, 5%, 96%
HSV	120°, 0%, 96%
XYZ	87.0934, 91.9166, 99.5376
YIQ	245.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

Format	Color
R _Y B	245, 246, 246
Decimal	16119541
CIE Lab	96.79, -0.50, 0.35
CIE LCh	97, 0.614, 144.911
Yxy	91.9166, 0.3127, 0.3300
Android (android.graphics.Color)	4294309621 (0xFFFF5F6F5)
YUV	245.5870, -0.2894, -0.5148
Hunter-Lab	95.8731, -5.6244, 5.5550

Details

The XYZ color 87.0934, 91.9166, 99.5376 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.2964, 91.5539, 100.2640, and the grayscale version is 87.2686, 91.8133, 99.9847.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.5850, 51.3199, 55.4891 is the 20% darker color. If you saturate the color by 10%, you get 75.5663, 86.3822, 80.6824, and if you desaturate by 10%, it is 92.2476, 94.3951, 107.9659.

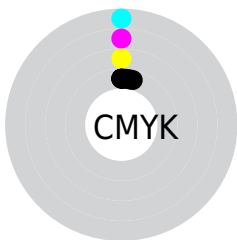
Distribution



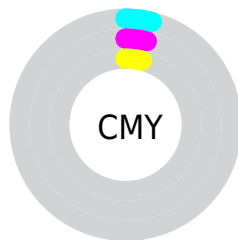
- Red (96%)
- Green (96%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.0934, 91.9166, 99.5376 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 87.0934, 91.9166, 99.5376 by changing the saturation by 10% instead.

87.0934, 91.9166,
99.5376

87.0934, 91.9166,
99.5376

506.9097,
534.2459, 579.9432

65.9008, 69.5714,
75.2997

142.1933,
149.9978, 162.5679

48.4593, 51.1772,
55.3552

176.8313,
186.5025, 202.1974

34.4035, 36.3496,
39.2857

216.6819,
228.4959, 247.7945

23.3681, 24.7043,
26.6725

262.1103,
276.3623, 299.7778

14.9877, 15.8569,
17.0972

313.4819,
330.4861, 358.5658

8.8970, 9.4230,
10.1411

371.1621,

4.7307, 5.0181,

391.2517, 424.5769

5.3858

435.5162,
459.0435, 498.2299

■ 2.1232, 2.2579,
2.4127

■ 0.7018, 0.7513,
0.7933

■ 87.0934, 91.9166,
99.5376

■ 87.0934, 91.9166,
99.5376

■ 75.5663, 86.3822,
80.6824

■ 92.2476, 94.3951,
107.9659

■ 65.6126, 81.6009,
64.4026

■ 57.1666, 77.5438,
50.5883

■ 50.1547, 74.1757,
39.1194

■ 44.4974, 71.4582,
29.8657

■ 40.1072, 69.3494,
22.6844

■ 36.8867, 67.8024,
17.4159

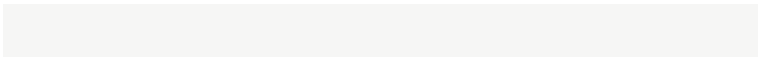
■ 34.7240, 66.7636,
13.8775

■ 33.4858, 66.1688,
11.8511

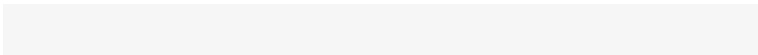
Harmonies

Analogous

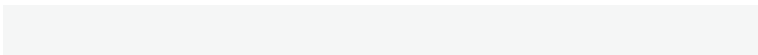
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2246, 91.9166, 99.2242



87.0934, 91.9166, 99.5376



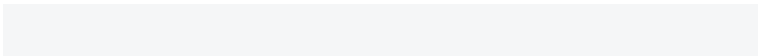
87.0347, 91.9166, 99.9975

Triad

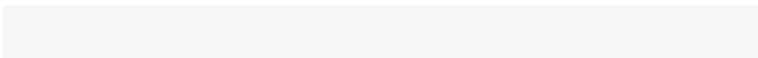
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0934, 91.9166, 99.5376



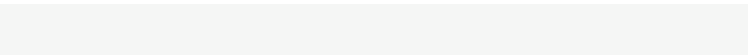
87.3346, 91.9166, 101.0288



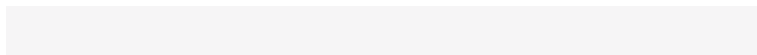
87.6645, 91.9166, 99.6828

Complementary

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



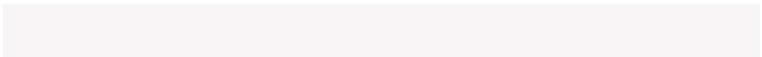
87.0934, 91.9166, 99.5376



87.2964, 91.5539, 100.2640

Split Complementary

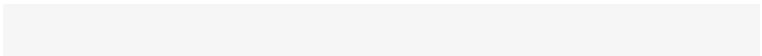
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6941, 91.9166, 100.1657



87.0934, 91.9166, 99.5376



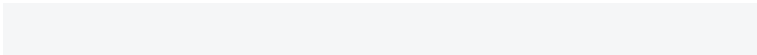
87.5035, 91.9166, 100.9438

Square

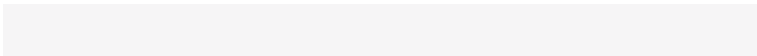
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



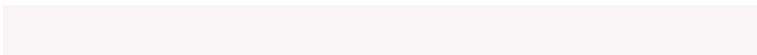
87.0934, 91.9166, 99.5376



87.1738, 91.9166, 100.8593



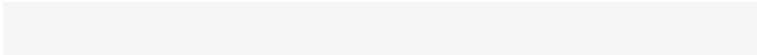
87.6351, 91.9166, 100.6275



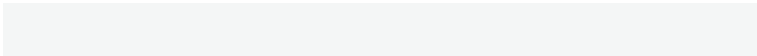
87.5544, 91.9166, 99.3079

Rectangle

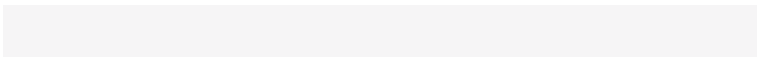
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



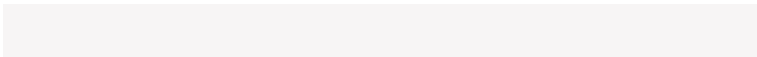
87.0934, 91.9166, 99.5376



87.0445, 91.9166, 100.3257



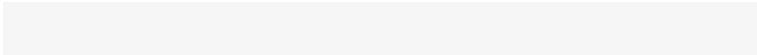
87.6351, 91.9166, 100.6275



87.6842, 91.9166, 99.8378

Sweetspot

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



87.0960, 91.9205, 99.5396

95.0500, 100.0000, 108.9000



87.4473, 92.1017, 99.5559



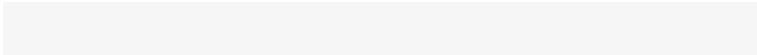
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

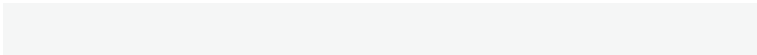
Same Dimension

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



87.0960, 91.9205, 99.5396

95.0500, 100.0000, 108.9000



87.1728, 91.9513, 99.9438



18.6292, 19.5994, 21.3438



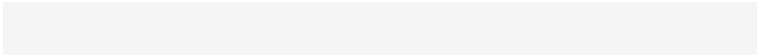
17.5907, 35.1811, 5.8643



1.5461, 3.0921, 0.5156

Inverse Universe

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



87.2964, 91.5539, 100.2640

95.0500, 100.0000, 108.9000



87.2194, 91.5231, 99.8587



18.6292, 19.5994, 21.3438



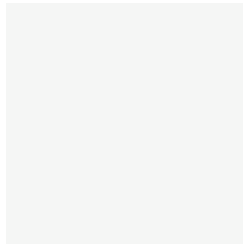
29.1620, 14.0082, 47.6887



2.5631, 1.2312, 4.1916

Previews

White Background



This preview shows how the XYZ color 87.0934, 91.9166, 99.5376 looks on a white background.

Color Contrast Check

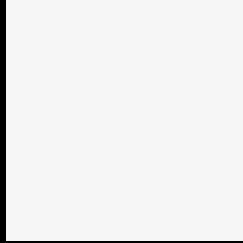
Large Text (above 18pt) WCAG AA × Fail

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 87.0934, 91.9166, 99.5376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

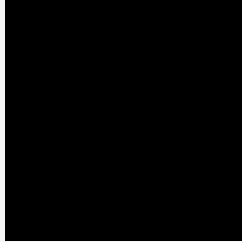
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

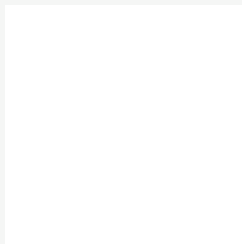
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0934, 91.9166, 99.5376

Background



This preview shows how black text looks on a background with the XYZ color 87.0934, 91.9166, 99.5376.



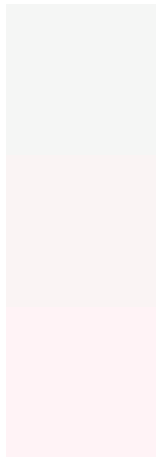
This preview shows how white text looks on a background with the XYZ color 87.0934, 91.9166,

99.576.

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

87.0934, 91.9166, 99.5376

Protanopia

88.1042, 91.5570, 98.6166

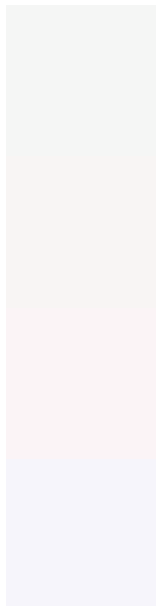
Deuteranopia

89.9251, 92.0150, 100.2099

Tritanopia

88.7585, 91.6955, 107.6287

Trichromacy



Original Color

87.0934, 91.9166, 99.5376

Protanomaly

87.6929, 91.7929, 98.6838

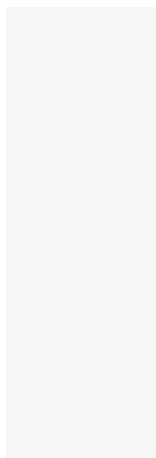
Deuteranomaly

88.7689, 91.8644, 100.2418

Tritanomaly

88.0710, 91.8627, 104.3562

Monochromacy



Original Color

87.0934, 91.9166, 99.5376

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.5964, 92.1582, 100.3603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0934, 91.9166, 99.5376 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(245, 246, 245) looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 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(245, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 245) }
```

Border

The CSS property to change the border of an element to XYZ 87.0934, 91.9166, 99.5376 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(245, 246, 245) }
```

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

```
.border{ border-color:rgb(245, 246, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 246, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 246, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 246, 245); box-shadow:4px 4px 4px 4px rgb(245, 246, 245) }
```


Background

The CSS property to change the background color of an element to XYZ 87.0934, 91.9166, 99.5376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 245) }
```

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

```
.background{ background-color: rgb(245,  
246, 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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