

Converting Colors

XYZ(87.4781, 92.7427, 96.8696)

Have a look what the booklet for
XYZ(87.4781, 92.7427, 96.8696)
contains.

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Color

**XYZ(87.4957, 92.6466,
96.4901)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F7F1
RGB	247, 247, 241
RGB Percent	97%, 97%, 95%
CMY	0.0314, 0.0313, 0.0549
CMYK	0.00, 0.00, 0.02, 0.03
HSL	60°, 27%, 96%
HSV	60°, 2%, 97%
XYZ	87.4957, 92.6466, 96.4901
YIQ	246.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

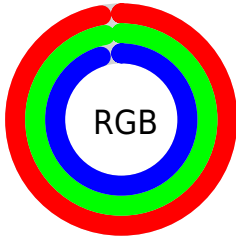
Format	Color
R_{YB}	241, 247, 241
Decimal	16250865
CIE Lab	97.08, -1.04, 2.87
CIE LCh	97, 3.050, 109.921
Yxy	92.6466, 0.3163, 0.3349
Android (android.graphics.Color)	4294440945 (0xFFFF7F7F1)
YUV	246.3160, -2.6208, 0.5999
Hunter-Lab	96.2531, -6.1834, 7.9412

Details

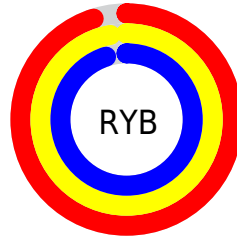
The XYZ color 87.4957, 92.6466, 96.4901 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.5230, 88.3293, 100.5950, and the grayscale version is 87.8749, 92.4512, 100.6794.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.8736, 51.8408, 53.3293 is the 20% darker color. If you saturate the color by 10%, you get 84.0477, 91.2696, 78.3570, and if you desaturate by 10%, it is 89.6776, 93.5231, 107.9330.

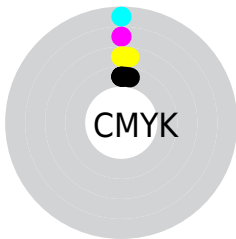
Distribution



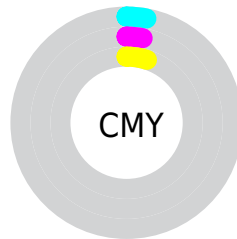
- Red (97%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (97%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4957, 92.6466, 96.4901 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 87.4957, 92.6466, 96.4901 by changing the saturation by 10% instead.

87.4957, 92.6466,
96.4901

87.4957, 92.6466,
96.4901

508.2105,
536.6031, 570.0302

66.2349, 70.1778,
72.7721

142.7510,
151.0092, 158.3349

48.7315, 51.6715,
53.2989

177.4762,
187.6719, 197.2987

34.6202, 36.7433,
37.6521

217.4202,
229.8346, 242.1816

23.5356, 25.0088,
25.4131

262.9485,
277.8818, 293.4020

15.1124, 16.0836,
16.1632

314.4262,
332.1978, 351.3786

8.9851, 9.5833,
9.4841

372.2189,

4.7885, 5.1236,

393.1671, 416.5297

4.9572

436.6919,
461.1741, 489.2741

■ 2.1572, 2.3200,
2.1639

■ 0.7200, 0.7842,
0.6534

■ 87.4957, 92.6466,
96.4901

■ 87.4957, 92.6466,
96.4901

■ 84.0477, 91.2696,
78.3570

■ 89.6776, 93.5231,
107.9330

■ 81.0775, 90.0807,
62.7515


■ 89.6844, 93.5266,
107.9333


■ 78.5663, 89.0755,
49.5631


■ 89.6912, 93.5301,
107.9336


■ 76.4912, 88.2446,
38.6711


■ 89.6980, 93.5336,
107.9339


 74.8272, 87.5783,
29.9442


 89.7048, 93.5371,
107.9343


 73.5470, 87.0654,
23.2381


 89.7116, 93.5406,
107.9346


 72.6197, 86.6937,
18.3905

 89.7184, 93.5441,
107.9349

 72.0100, 86.4490,
15.2149

 89.7252, 93.5476,
107.9352

 71.6748, 86.3141,
13.4852

 89.7320, 93.5511,
107.9355

Harmonies

Analogous

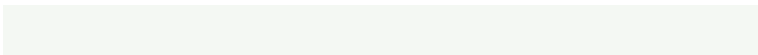
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3474, 92.6466, 96.2861



87.4957, 92.6466, 96.4901



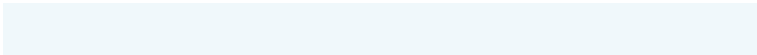
86.7989, 92.6466, 97.8586

Triad

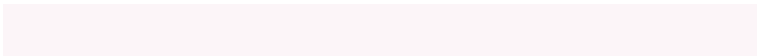
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4957, 92.6466, 96.4901



86.9977, 92.6466, 104.5428



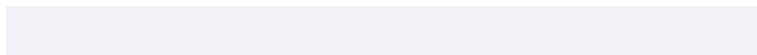
89.6956, 92.6466, 101.7072

Complementary

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



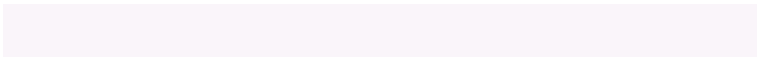
87.4957, 92.6466, 96.4901



84.5230, 88.3293, 100.5950

Split Complementary

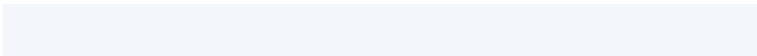
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.3289, 92.6466, 103.9556



87.4957, 92.6466, 96.4901



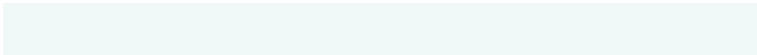
87.7688, 92.6466, 105.6103

Square

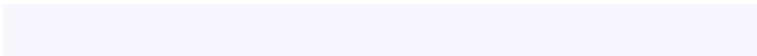
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



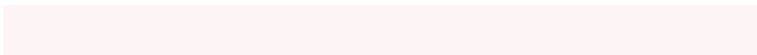
87.4957, 92.6466, 96.4901



86.5126, 92.6466, 102.4983



88.6223, 92.6466, 105.3937



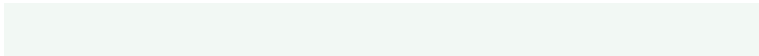
89.6213, 92.6466, 99.2717

Rectangle

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



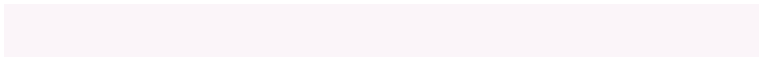
87.4957, 92.6466, 96.4901



86.5142, 92.6466, 99.2596



88.6223, 92.6466, 105.3937



89.6197, 92.6466, 102.5106

Sweetspot

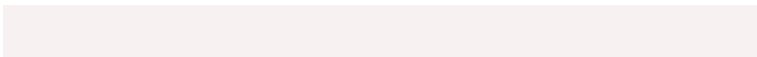
The Sweet Spot groups the original color and five complimentary colors.



87.4983, 92.6506, 96.4921



94.6414, 99.8365, 106.7520



85.6931, 89.0378, 95.8899



20.2615, 21.3708, 22.8720



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.



87.4983, 92.6506, 96.4921



93.8404, 99.5159, 102.5417



86.4496, 92.1100, 96.4430



18.3316, 19.4803, 19.7793



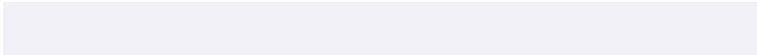
37.8414, 45.6208, 6.8112



3.3263, 4.0098, 0.5987

Inverse Universe

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



84.5230, 88.3293, 100.5950



89.9013, 93.7947, 107.9736



85.5548, 88.8612, 100.6433



17.3624, 18.0726, 21.1158



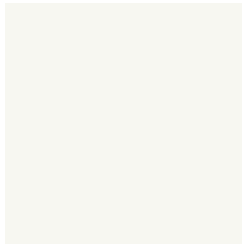
8.8807, 3.5525, 46.7557



0.7809, 0.3124, 4.1094

Previews

White Background



This preview shows how the XYZ color 87.4957, 92.6466, 96.4901 looks on a white background.

Color Contrast Check

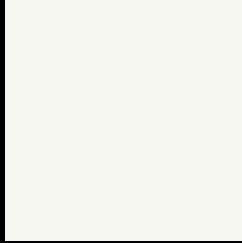
Large Text (above 18pt) WCAG AA × Fail

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 87.4957, 92.6466, 96.4901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

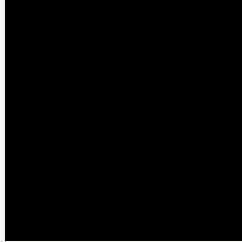
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

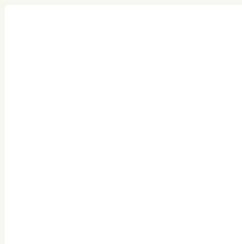
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4957, 92.6466, 96.4901

Background



This preview shows how black text looks on a background with the XYZ color 87.4957, 92.6466, 96.4901.

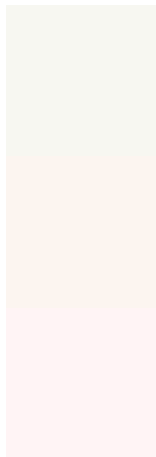


This preview shows how white text looks on a background with the XYZ color 87.4957, 92.6466,

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

87.4957, 92.6466, 96.4901

Protanopia

88.5255, 92.2915, 95.5863

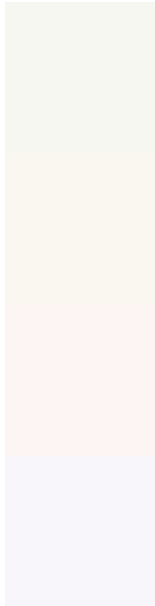
Deuteranopia

90.0721, 92.5539, 99.5036

Tritanopia

89.4138, 92.4813, 107.7458

Trichromacy



Original Color

87.4957, 92.6466, 96.4901

Protanomaly

88.1083, 92.5268, 95.6537

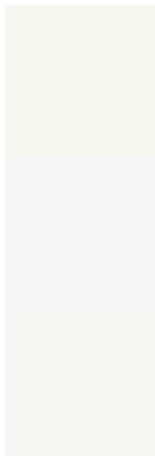
Deuteranomaly

89.1264, 92.5319, 98.7509

Tritanomaly

88.9225, 92.7701, 103.6622

Monochromacy



Original Color

87.4957, 92.6466, 96.4901

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.2909, 92.0360, 98.7520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4957, 92.6466, 96.4901 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(247, 247, 241) looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 241)  
}
```

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(247, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 241) }
```

Border

The CSS property to change the border of an element to XYZ 87.4957, 92.6466, 96.4901 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(247, 247, 241) }
```


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

```
.border{ border-color:rgb(247, 247, 241) }
```

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

Here you see how a box with a 4 pixel rgb(247, 247, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4957, 92.6466, 96.4901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 241) }
```

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

```
.background{ background-color: rgb(247,  
247, 241) }
```

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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