

Converting Colors

XYZ(88.7054, 93.1992, 97.6361)

Have a look what the booklet for
XYZ(88.7054, 93.1992, 97.6361)
contains.

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Color

**XYZ(88.7121, 93.2563,
97.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF7F2
RGB	250, 247, 242
RGB Percent	98%, 97%, 95%
CMY	0.0196, 0.0313, 0.0510
CMYK	0.00, 0.01, 0.03, 0.02
HSL	38°, 44%, 96%
HSV	38°, 3%, 98%
XYZ	88.7121, 93.2563, 97.3290
YIQ	247.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

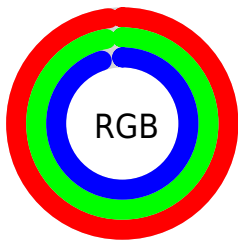
Format	Color
R _Y B	247, 250, 242
Decimal	16447474
CIE Lab	97.33, 0.14, 2.74
CIE LCh	97, 2.743, 87.130
Yxy	93.2563, 0.3176, 0.3339
Android (android.graphics.Color)	4294637554 (0xFFFAF7F2)
YUV	247.3270, -2.6262, 2.3442
Hunter-Lab	96.5693, -5.0196, 7.8421

Details

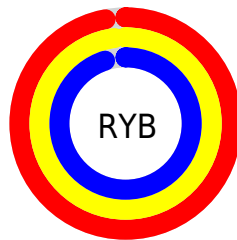
The XYZ color 88.7121, 93.2563, 97.3290 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.5257, 91.0829, 103.4641, and the grayscale version is 88.6952, 93.3142, 101.6192.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7419, 52.2761, 53.9230 is the 20% darker color. If you saturate the color by 10%, you get 82.4206, 86.2764, 77.9557, and if you desaturate by 10%, it is 93.2349, 99.0643, 108.8151.

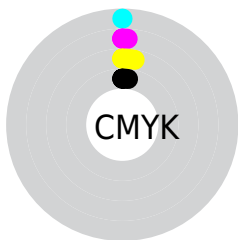
Distribution



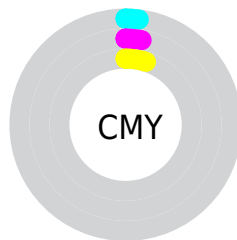
- Red (98%)
- Green (97%)
- Blue (95%)



- Red (97%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7121, 93.2563, 97.3290 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 88.7121, 93.2563, 97.3290 by changing the saturation by 10% instead.

88.7121, 93.2563,
97.3290

88.7121, 93.2563,
97.3290

512.1330,
538.5675, 572.7681

67.2457, 70.6845,
73.4674

144.4356,
151.8534, 159.5015

49.5558, 52.0848,
53.8641

179.4234,
188.6475, 198.6494

35.2769, 37.0727,
38.1005

219.6491,
230.9513, 243.7298

24.0438, 25.2638,
25.7583

265.4780,
279.1490, 295.1612

15.4910, 16.2737,
16.4188

317.2755,
333.6251, 353.3622

9.2533, 9.7180,
9.6634

375.4069,

4.9652, 5.2124,

394.7639, 418.7513

5.0737

440.2376,
462.9499, 491.7471

■ 2.2614, 2.3724,
2.2311

■ 0.7748, 0.8116,
0.6922

■ 88.7121, 93.2563,
97.3290

■ 88.7121, 93.2563,
97.3290

■ 82.4206, 86.2764,
77.9557

■ 93.2349, 99.0643,
108.8151

■ 76.7608, 79.7729,
61.2220

■ 71.7112, 73.7366,
47.0128

■ 67.2457, 68.1538,
35.2024

■ 63.3363, 63.0095,
25.6538

■ 59.9521, 58.2879,
18.2163

■ 57.0589, 53.9714,
12.7205

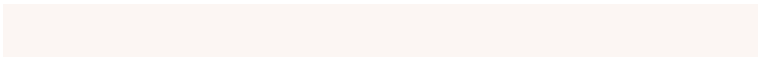
■ 54.6173, 50.0403,
8.9706

■ 52.5796, 46.4718,
6.7290

Harmonies

Analogous

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



89.4502, 93.2563, 97.9908



88.7121, 93.2563, 97.3290



87.9582, 93.2563, 97.7819

Triad

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



88.7121, 93.2563, 97.3290



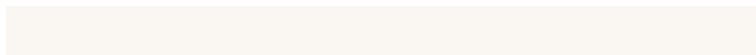
87.3151, 93.2563, 103.5028



89.8973, 93.2563, 103.8788

Complementary

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



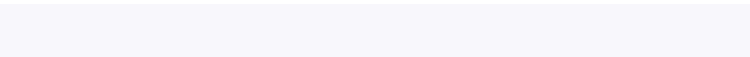
88.7121, 93.2563, 97.3290



86.5257, 91.0829, 103.4641

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.



89.3199, 93.2563, 105.3937



88.7121, 93.2563, 97.3290



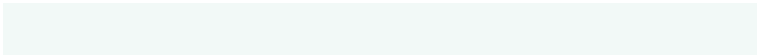
87.8294, 93.2563, 105.1744

Square

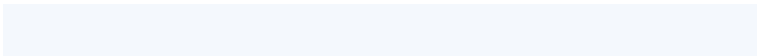
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



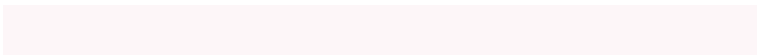
88.7121, 93.2563, 97.3290



87.1544, 93.2563, 101.3263



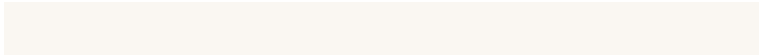
88.5626, 93.2563, 105.8713



90.1370, 93.2563, 101.7545

Rectangle

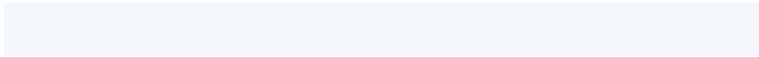
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



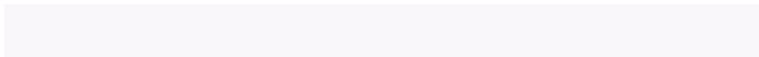
88.7121, 93.2563, 97.3290



87.5475, 93.2563, 98.6587



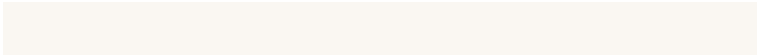
88.5626, 93.2563, 105.8713



89.7361, 93.2563, 104.4774

Sweetspot

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



88.7147, 93.2603, 97.3310



94.3382, 99.2291, 106.6508



87.6694, 90.4263, 99.2742



20.1998, 21.2473, 22.8514



0.0000, 0.0000, 0.0000



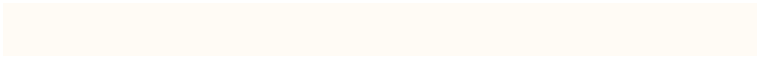
20.3446, 21.4041, 23.3091

Same Dimension

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



88.7147, 93.2603, 97.3310



92.2445, 96.9476, 100.0772



89.3046, 94.9353, 97.6232



18.7968, 19.7505, 20.1808



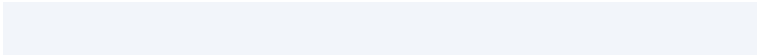
27.3952, 23.7470, 3.1397



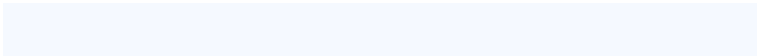
2.6390, 2.4029, 0.3247

Inverse Universe

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



86.5257, 91.0829, 103.4641



89.3946, 94.1128, 108.0617



85.9479, 89.4506, 103.1794



18.1079, 19.0652, 22.1109



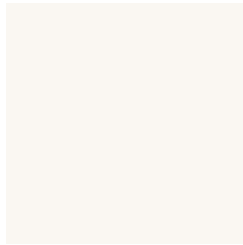
11.3844, 8.1243, 48.9417



1.1524, 0.9486, 4.5655

Previews

White Background



This preview shows how the XYZ color 88.7121, 93.2563, 97.3290 looks on a white background.

Color Contrast Check

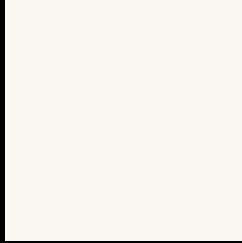
Large Text (above 18pt) WCAG AA × Fail

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 88.7121, 93.2563, 97.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

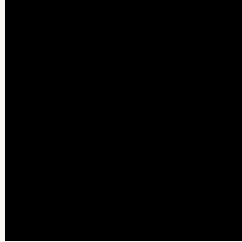
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.7121, 93.2563, 97.3290

Background



This preview shows how black text looks on a background with the XYZ color 88.7121, 93.2563, 97.3290.

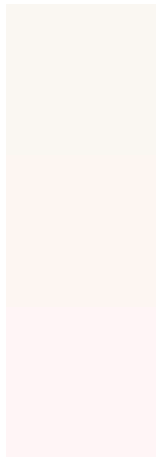


This preview shows how white text looks on a background with the XYZ color 88.7121, 93.2563, 97.3290.

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

88.7121, 93.2563, 97.3290

Protanopia

89.4908, 93.2050, 97.2781

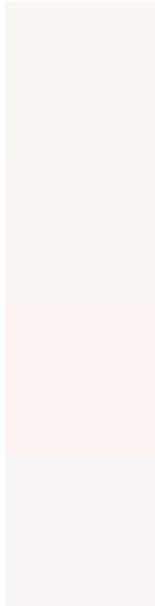
Deuteranopia

90.5270, 93.2186, 100.4105

Tritanopia

90.4301, 93.4555, 107.8803

Trichromacy



Original Color

88.7121, 93.2563, 97.3290

Protanomaly

89.1277, 93.0178, 97.2611

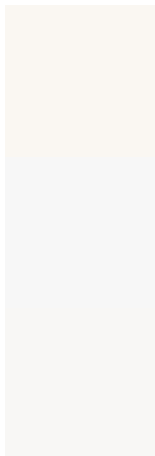
Deuteranomaly

89.9452, 93.3868, 99.6710

Tritanomaly

89.6354, 93.1377, 103.6956

Monochromacy



Original Color

88.7121, 93.2563, 97.3290

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4536, 93.0706, 99.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7121, 93.2563, 97.3290 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(250, 247, 242) looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 242)  
}
```

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(250, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 242) }
```

Border

The CSS property to change the border of an element to XYZ 88.7121, 93.2563, 97.3290 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(250, 247, 242) }
```


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

```
.border{ border-color:rgb(250, 247, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 247, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7121, 93.2563, 97.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 247, 242) }
```

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

```
.background{ background-color: rgb(250,  
247, 242) }
```

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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