

Converting Colors

XYZ(87.2993, 91.6765, 94.7555)

Have a look what the booklet for
XYZ(87.2993, 91.6765, 94.7555)
contains.

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Color

**XYZ(87.2993, 91.6765,
94.7555)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F5EF
RGB	249, 245, 239
RGB Percent	98%, 96%, 94%
CMY	0.0235, 0.0392, 0.0627
CMYK	0.00, 0.02, 0.04, 0.02
HSL	36°, 45%, 96%
HSV	36°, 4%, 98%
XYZ	87.2993, 91.6765, 94.7555
YIQ	245.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

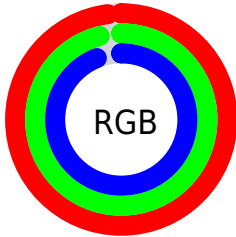
Format	Color
R_{YB}	246, 249, 239
Decimal	16381423
CIE Lab	96.69, 0.30, 3.34
CIE LCh	97, 3.357, 84.810
Yxy	91.6765, 0.3189, 0.3349
Android (android.graphics.Color)	4294571503 (0xFF9F5EF)
YUV	245.5120, -3.2104, 3.0590
Hunter-Lab	95.7478, -4.8091, 8.3480

Details

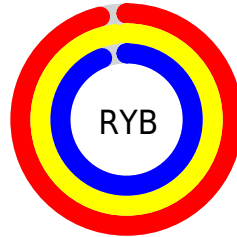
The XYZ color 87.2993, 91.6765, 94.7555 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.7461, 89.2902, 102.3919, and the grayscale version is 87.2282, 91.7709, 99.9385.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.7372, 51.1515, 52.1043 is the 20% darker color. If you saturate the color by 10%, you get 80.9426, 84.4493, 75.7206, and if you desaturate by 10%, it is 92.8631, 98.8514, 108.7936.

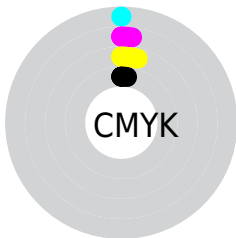
Distribution



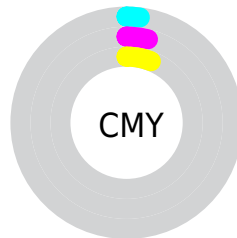
- Red (98%)
- Green (96%)
- Blue (94%)



- Red (96%)
- Yellow (98%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (2%)





- Cyan (2%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.2993, 91.6765, 94.7555 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 87.2993, 91.6765, 94.7555 by changing the saturation by 10% instead.


 87.2993, 91.6765,
94.7555

 87.2993, 91.6765,
94.7555

507.5757,
533.4695, 564.3463

 66.0718, 69.3720,
71.3357


142.4788,
149.6650, 155.9194

 48.5986, 51.0147,
52.1327


177.1614,
186.1177, 194.5007

 34.5144, 36.2203,
36.7279

217.0598,
228.0552, 238.9729

 23.4538, 24.6044,
24.7027

262.5393,
275.8620, 289.7545

 15.0515, 15.7826,
15.6387

313.9653,
329.9224, 347.2641

 8.9421, 9.3704,
9.1173

371.7032,

 4.7602, 4.9836,

390.6209, 411.9202

4.7199

436.1181,
458.3418, 484.1415

■ 2.1406, 2.2376,
2.0280

■ 0.7111, 0.7404,
0.5724

■ 87.2993, 91.6765,
94.7555

■ 87.2993, 91.6765,
94.7555

■ 80.9426, 84.4493,
75.7206

■ 92.8631, 98.8514,
108.7936

■ 75.2289, 77.7313,
59.2975

■ 92.8774, 98.8800,
108.7983

■ 70.1362, 71.5126,
45.3715

■ 65.6383, 65.7784,
33.8170

■ 61.7066, 60.5129,
24.4974

■ 58.3099, 55.6992,
17.2618

■ 55.4132, 51.3188,
11.9406

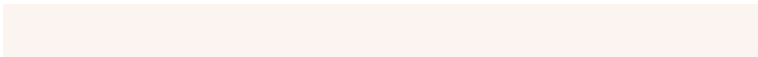
■ 52.9765, 47.3508,
8.3372

■ 50.9514, 43.7711,
6.2115

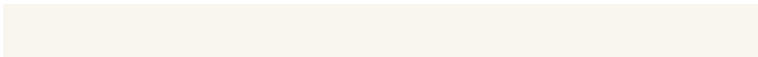
Harmonies

Analogous

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



88.1811, 91.6765, 95.6511



87.2993, 91.6765, 94.7555



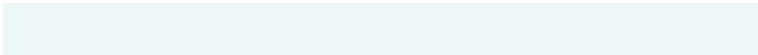
86.3799, 91.6765, 95.1969

Triad

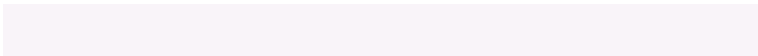
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2993, 91.6765, 94.7555



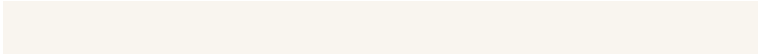
85.5062, 91.6765, 102.0069



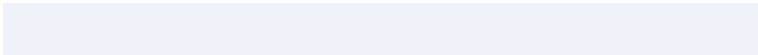
88.6206, 91.6765, 102.8317

Complementary

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



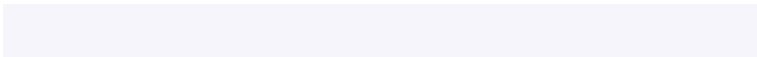
87.2993, 91.6765, 94.7555



84.7461, 89.2902, 102.3919

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.



87.8960, 91.6765, 104.5906



87.2993, 91.6765, 94.7555



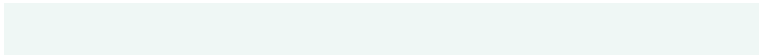
86.0988, 91.6765, 104.1085

Square

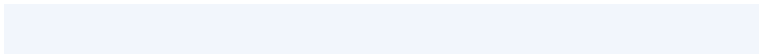
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



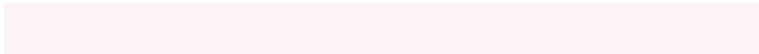
87.2993, 91.6765, 94.7555



85.3489, 91.6765, 99.3528



86.9724, 91.6765, 105.0621



88.9474, 91.6765, 100.2889

Rectangle

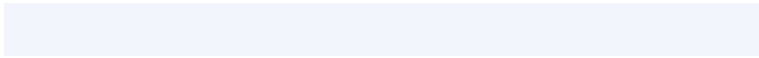
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2993, 91.6765, 94.7555



85.8687, 91.6765, 96.1942



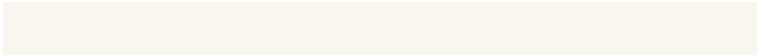
86.9724, 91.6765, 105.0621



88.4152, 91.6765, 103.5360

Sweetspot

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



87.3019, 91.6805, 94.7575



94.3179, 99.1885, 106.6440



86.1123, 88.3452, 97.3090



20.1956, 21.2390, 22.8500



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

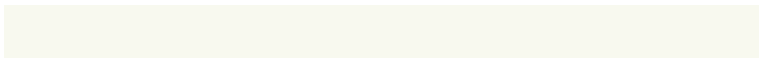
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3019, 91.6805, 94.7575



91.4609, 95.9983, 97.9104



88.1683, 93.9411, 95.1482



18.6417, 19.5591, 19.7624



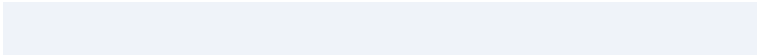
26.8508, 22.6582, 2.9583



2.5905, 2.3059, 0.3085

Inverse Universe

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



84.7461, 89.2902, 102.3919



88.1200, 92.8739, 107.8898



83.9019, 87.0992, 102.0134



17.8662, 18.8338, 22.0789



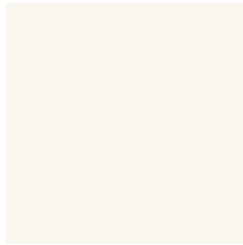
11.6960, 8.7475, 49.0455



1.1838, 1.0112, 4.5760

Previews

White Background



This preview shows how the XYZ color 87.2993, 91.6765, 94.7555 looks on a white background.

Color Contrast Check

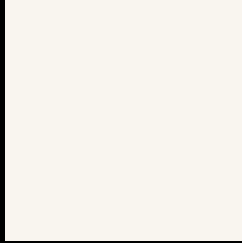
Large Text (above 18pt) WCAG AA × Fail

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 87.2993, 91.6765, 94.7555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

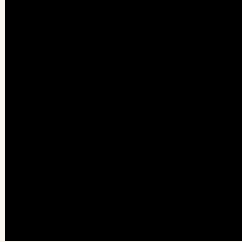
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

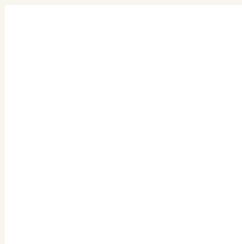
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2993, 91.6765, 94.7555

Background



This preview shows how black text looks on a background with the XYZ color 87.2993, 91.6765, 94.7555.



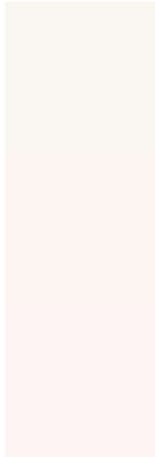
This preview shows how white text looks on a background with the XYZ color 87.2993, 91.6765,

94.755.

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

87.2993, 91.6765, 94.7555

Protanopia

87.7143, 91.4426, 94.6885

Deuteranopia

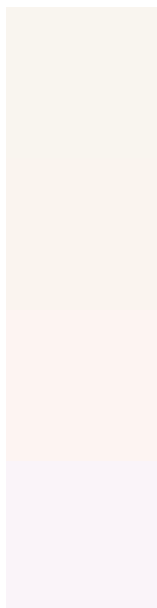
89.6197, 91.8928, 98.6016



Tritanopia

89.5249, 91.6452, 107.5786

Trichromacy



Original Color

87.2993, 91.6765, 94.7555

Protanomaly

87.3550, 91.2574, 94.6717

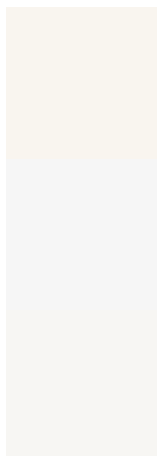
Deuteranomaly

88.8857, 91.9948, 97.0764

Tritanomaly

88.8739, 91.8649, 102.6701

Monochromacy



Original Color

87.2993, 91.6765, 94.7555

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.4912, 92.1568, 97.9708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2993, 91.6765, 94.7555 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(249, 245, 239) looks like.

```
.text, #text, p{  
    color:rgb(249, 245, 239)  
}
```

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(249, 245, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 245, 239) }
```

Border

The CSS property to change the border of an element to XYZ 87.2993, 91.6765, 94.7555 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(249, 245, 239) }
```


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

```
.border{ border-color:rgb(249, 245, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 245, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 245, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 245, 239);  
box-shadow:4px 4px 4px 4px rgb(249, 245,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 87.2993, 91.6765, 94.7555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 245, 239) }
```

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

```
.background{ background-color: rgb(249,  
245, 239) }
```

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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