

Converting Colors

XYZ(92.3784, 98.5036, 96.1501)

Have a look what the booklet for
XYZ(92.3784, 98.5036, 96.1501)
contains.

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Color

**XYZ(92.2618, 98.3756,
95.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFEEF
RGB	255, 254, 239
RGB Percent	100%, 100%, 94%
CMY	0.0000, 0.0039, 0.0627
CMYK	0.00, 0.00, 0.06, 0.00
HSL	56°, 100%, 97%
HSV	56°, 6%, 100%
XYZ	92.2618, 98.3756, 95.7870
YIQ	252.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

Format	Color
R _Y B	240, 255, 239
Decimal	16776943
CIE Lab	99.37, -2.21, 7.27
CIE LCh	99, 7.603, 106.901
Yxy	98.3756, 0.3221, 0.3435
Android (android.graphics.Color)	4294967023 (0xFFFFFEEF)
YUV	252.5890, -6.6994, 2.1144
Hunter-Lab	99.1845, -7.5314, 12.1701

Details

The XYZ color 92.2618, 98.3756, 95.7870 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.8060, 87.8887, 107.1022, and the grayscale version is 93.0727, 97.9197, 106.6346.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.8022, 55.3572, 52.7545 is the 20% darker color. If you saturate the color by 10%, you get 88.2571, 95.9758, 77.1588, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

Distribution



- Red (100%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 92.2618, 98.3756, 95.7870 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 92.2618, 98.3756, 95.7870 by changing the saturation by 10% instead.

92.2618, 98.3756,
95.7870

92.2618, 98.3756,
95.7870

523.4901,
554.9161, 567.7300

70.2005, 74.9476,
72.1897

149.3386,
158.9200, 157.3563

51.9702, 55.5700,
52.8258

185.0849,
196.8052, 196.1654

37.2055, 39.8583,
37.2770

226.1236,
240.2784, 240.8822

25.5411, 27.4281,
25.1246

272.8200,
289.7238, 291.9252

16.6115, 17.8950,
15.9500

325.5395,
345.5259, 349.7129

10.0515, 10.8746,
9.3348

384.6475,

5.4956, 5.9826,

408.0690, 414.6639

4.8604

450.5092,
477.7376, 487.1968

■ 2.5786, 2.8345,
2.1083

■ 0.9351, 1.0459,
0.6207

■ 92.2618, 98.3756,
95.7870

■ 92.2618, 98.3756,
95.7870

■ 88.2571, 95.9758,
77.1588

95.0500, 100.0000,
108.9000

■ 84.7638, 93.7840,
61.2126

■ 81.7604, 91.7948,
47.8257

■ 79.2214, 89.9980,
36.8635

■ 77.1187, 88.3823,
28.1791

■ 75.4215, 86.9353,
21.6095

■ 74.0947, 85.6431,
16.9704

■ 73.0973, 84.4892,
14.0457

■ 72.3782, 83.4532,
12.5662

Harmonies

Analogous

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



94.4784, 98.3756, 95.5914



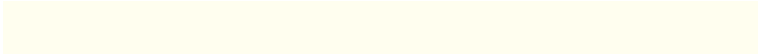
92.2618, 98.3756, 95.7870



90.4064, 98.3756, 98.9395

Triad

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



92.2618, 98.3756, 95.7870



90.6033, 98.3756, 116.3352



97.7426, 98.3756, 109.9221

Complementary

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



92.2618, 98.3756, 95.7870



84.8060, 87.8887, 107.1022

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.



96.6696, 98.3756, 115.7274



92.2618, 98.3756, 95.7870



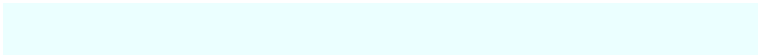
92.5345, 98.3756, 119.5279

Square

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



92.2618, 98.3756, 95.7870



89.4594, 98.3756, 110.7248



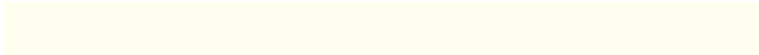
94.7554, 98.3756, 119.3012



97.6668, 98.3756, 103.5831

Rectangle

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



92.2618, 98.3756, 95.7870



89.6135, 98.3756, 102.3676



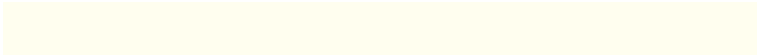
94.7554, 98.3756, 119.3012



97.5036, 98.3756, 112.0055

Sweetspot

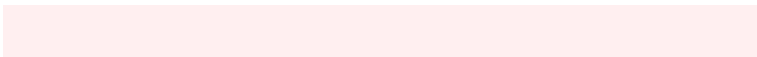
The Sweet Spot groups the original color and five complimentary colors.



92.2640, 98.3796, 95.7891



94.1386, 99.4739, 104.5990



87.8454, 89.2894, 95.0960



20.1591, 21.2970, 22.4335



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.



92.2640, 98.3796, 95.7891



91.5347, 97.9491, 92.3763



90.0756, 97.7209, 95.7773



19.4589, 20.8860, 19.1501



37.7429, 43.4971, 6.4065



3.7030, 4.2913, 0.6331

Inverse Universe

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



84.8060, 87.8887, 107.1022



82.1363, 84.7287, 106.6330



86.9001, 88.5350, 107.1166



17.0936, 17.5588, 22.7382



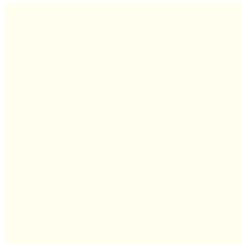
9.5615, 4.0327, 49.7090



0.9613, 0.4533, 4.8501

Previews

White Background



This preview shows how the XYZ color 92.2618, 98.3756, 95.7870 looks on a white background.

Color Contrast Check

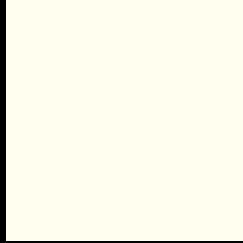
Large Text (above 18pt) WCAG AA × Fail

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 92.2618, 98.3756, 95.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

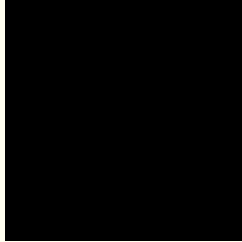
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 92.2618, 98.3756, 95.7870

Background



This preview shows how black text looks on a background with the XYZ color 92.2618, 98.3756, 95.7870.



This preview shows how white text looks on a background with the XYZ color 92.2618, 98.3756, 95.7870.

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

92.2618, 98.3756, 95.7870



Protanopia

93.6206, 98.4127, 104.5037

Deuteranopia

93.9360, 98.5388, 106.1644

Tritanopia

94.0483, 98.5414, 108.6713

Trichromacy

Original Color

92.2618, 98.3756, 95.7870

Protanomaly

92.9998, 98.1644, 101.2348

Deuteranomaly

93.1538, 98.2260, 102.0455

Tritanomaly

93.0972, 98.1609, 103.6627

Monochromacy

Original Color

92.2618, 98.3756, 95.7870

Achromatopsia

93.3629, 98.2251, 106.9671

Achromatomaly

92.9416, 98.0987, 102.8433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 92.2618, 98.3756, 95.7870 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(255, 254, 239) looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 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(255, 254, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 239) }
```

Border

The CSS property to change the border of an element to XYZ 92.2618, 98.3756, 95.7870 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(255, 254, 239) }
```


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

```
.border{ border-color:rgb(255, 254, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 92.2618, 98.3756, 95.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 239) }
```

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

```
.background{ background-color: rgb(255,  
254, 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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