

Converting Colors

XYZ(90.5491, 96.7688, 91.2117)

Have a look what the booklet for
XYZ(90.5491, 96.7688, 91.2117)
contains.

XYZ(90.3914, 96.5748, 90.9675)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(90.3914, 96.5748,
90.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFCE9
RGB	254, 252, 233
RGB Percent	100%, 99%, 91%
CMY	0.0039, 0.0117, 0.0863
CMYK	0.00, 0.01, 0.08, 0.00
HSL	54°, 91%, 95%
HSV	54°, 8%, 100%
XYZ	90.3914, 96.5748, 90.9675
YIQ	250.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

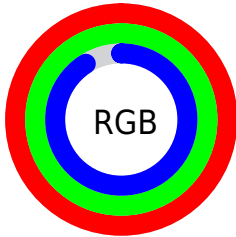
Format	Color
R _Y B	235, 254, 233
Decimal	16710889
CIE Lab	98.66, -2.53, 9.32
CIE LCh	99, 9.659, 105.158
Yxy	96.5748, 0.3252, 0.3475
Android (android.graphics.Color)	4294900969 (0xFFFEFCE9)
YUV	250.4320, -8.5940, 3.1291
Hunter-Lab	98.2725, -7.7919, 13.9080

Details

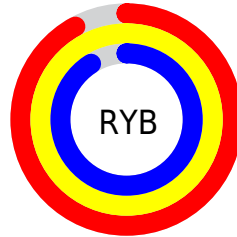
The XYZ color 90.3914, 96.5748, 90.9675 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.2019, 83.8947, 105.6804, and the grayscale version is 91.2905, 96.0448, 104.5927.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4769, 54.0749, 49.3720 is the 20% darker color. If you saturate the color by 10%, you get 86.2690, 93.7241, 72.9617, and if you desaturate by 10%, it is 94.4985, 99.4410, 108.8212.

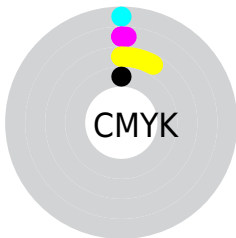
Distribution



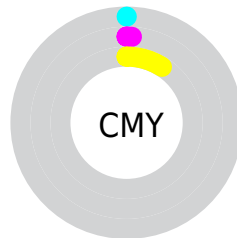
- Red (100%)
- Green (99%)
- Blue (91%)



- Red (92%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.3914, 96.5748, 90.9675 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 90.3914, 96.5748, 90.9675 by changing the saturation by 10% instead.

90.3914, 96.5748,
90.9675

90.3914, 96.5748,
90.9675

517.5222,
549.1943, 551.8242

68.6427, 73.4464,
68.2051

146.7575,
156.4385, 150.6288

50.6963, 54.3410,
49.5969

182.1056,
193.9425, 188.3648

36.1871, 38.8744,
34.7243

222.7176,
237.0072, 231.9292

24.7495, 26.6620,
23.1687

268.9587,
286.0169, 281.7403

16.0182, 17.3196,
14.5117

321.1944,
341.3561, 338.2169

9.6280, 10.4626,
8.3346

379.7899,

5.2134, 5.7067,

403.4092, 401.7773

4.2190

445.1107,
472.5604, 472.8403

■ 2.4090, 2.6676,
1.7462

■ 0.8496, 0.9608,
0.3921

■ 90.3914, 96.5748,
90.9675

■ 90.3914, 96.5748,
90.9675

■ 86.2690, 93.7241,
72.9617

94.4985, 99.4410,
108.8212

■ 82.6537, 91.0885,
57.5909

94.6835, 99.8110,
108.8828

■ 79.5243, 88.6625,
44.7318

■ 76.8550, 86.4358,
34.2488

■ 74.6177, 84.3971,
25.9935

■ 72.7810, 82.5337,
19.8010

■ 71.3091, 80.8312,
15.4834

■ 70.1598, 79.2729,
12.8184

■ 69.2748, 77.8351,
11.4989

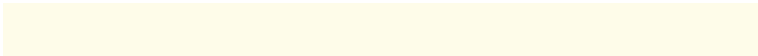
Harmonies

Analogous

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



93.1769, 96.5748, 90.9475



90.3914, 96.5748, 90.9675



88.0282, 96.5748, 94.6553

Triad

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



90.3914, 96.5748, 90.9675



88.0486, 96.5748, 116.4650



97.0925, 96.5748, 109.1512

Complementary

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



90.3914, 96.5748, 90.9675



81.2019, 83.8947, 105.6804

Split Complementary

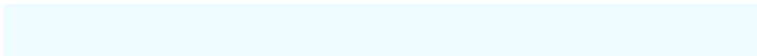
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6605, 96.5748, 116.4007



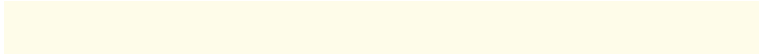
90.3914, 96.5748, 90.9675



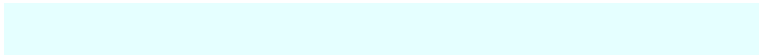
90.4198, 96.5748, 120.7668

Square

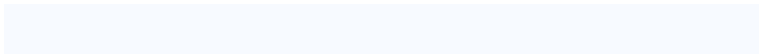
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



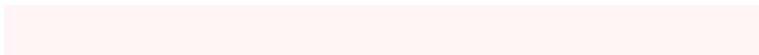
90.3914, 96.5748, 90.9675



86.6944, 96.5748, 109.2354



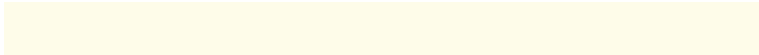
93.2059, 96.5748, 120.7427



97.0845, 96.5748, 101.1746

Rectangle

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



90.3914, 96.5748, 90.9675



86.9938, 96.5748, 98.8104



93.2059, 96.5748, 120.7427



96.7623, 96.5748, 111.7625

Sweetspot

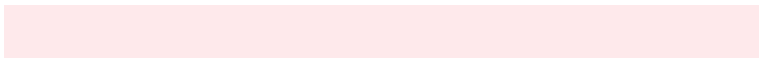
The Sweet Spot groups the original color and five complimentary colors.



90.3940, 96.5790, 90.9696



94.0853, 99.3671, 104.5812



85.0230, 85.3540, 90.6682



20.1482, 21.2753, 22.4299



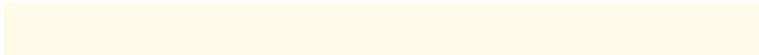
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



90.3940, 96.5790, 90.9696



90.4448, 96.9292, 88.4375



88.0168, 96.2885, 91.0388



19.4050, 20.7782, 19.1322



36.5079, 41.0270, 5.9948



3.5958, 4.0769, 0.5974

Inverse Universe

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



81.2019, 83.8947, 105.6804



79.3577, 81.6300, 106.1813



83.4419, 84.2063, 105.6224



17.1418, 17.6551, 22.7543



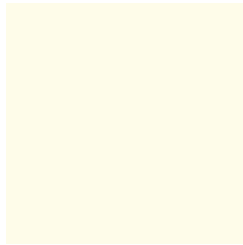
9.6506, 4.2107, 49.7387



0.9840, 0.4988, 4.8577

Previews

White Background



This preview shows how the XYZ color 90.3914, 96.5748, 90.9675 looks on a white background.

Color Contrast Check

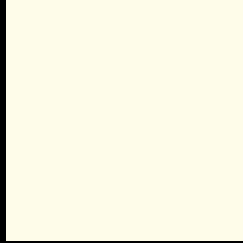
Large Text (above 18pt) WCAG AA × Fail

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 90.3914, 96.5748, 90.9675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

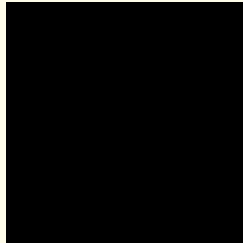
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.3914, 96.5748, 90.9675

Background



This preview shows how black text looks on a background with the XYZ color 90.3914, 96.5748, 90.9675.



This preview shows how white text looks on a background with the XYZ color 90.3914, 96.5748,

90.975.

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

90.3914, 96.5748, 90.9675

Protanopia

91.9148, 96.7254, 98.6195

Deuteranopia

92.5245, 96.4708, 103.3667

Tritanopia

92.7436, 96.4739, 108.3409

Trichromacy



Original Color

90.3914, 96.5748, 90.9675

Protanomaly

91.3172, 96.4864, 95.4722

Deuteranomaly

91.9148, 96.7254, 98.6195

Tritanomaly

91.7937, 96.5924, 101.8018

Monochromacy



Original Color

90.3914, 96.5748, 90.9675



Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.6100, 96.0352, 99.3489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.3914, 96.5748, 90.9675 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(254, 252, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 233)  
}
```

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(254, 252, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 233) }
```

Border

The CSS property to change the border of an element to XYZ 90.3914, 96.5748, 90.9675 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(254, 252, 233) }
```


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

```
.border{ border-color:rgb(254, 252, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 252, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 252, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 252, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 252,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 90.3914, 96.5748, 90.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 252, 233) }
```

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

```
.background{ background-color: rgb(254,  
252, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor