

Converting Colors

XYZ(91.2171, 96.5729, 95.2171)

Have a look what the booklet for
XYZ(91.2171, 96.5729, 95.2171)
contains.

XYZ(91.3172, 96.4864, 95.4722)	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(91.3172, 96.4864,
95.4722)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBEF
RGB	255, 251, 239
RGB Percent	100%, 98%, 94%
CMY	0.0000, 0.0157, 0.0627
CMYK	0.00, 0.02, 0.06, 0.00
HSL	45°, 100%, 97%
HSV	45°, 6%, 100%
XYZ	91.3172, 96.4864, 95.4722
YIQ	250.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

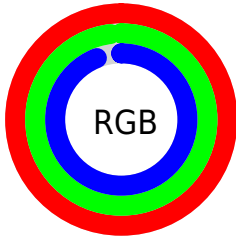
Format	Color
R_{YB}	244, 255, 239
Decimal	16776175
CIE _{Lab}	98.63, -0.70, 6.20
CIE _{LCh}	99, 6.243, 96.455
Yxy	96.4864, 0.3224, 0.3406
Android (android.graphics.Color)	4294966255 (0xFFFFFBEF)
YUV	250.8280, -5.8312, 3.6588
Hunter-Lab	98.2275, -5.9556, 11.1323

Details

The XYZ color 91.3172, 96.4864, 95.4722 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.6965, 89.6696, 107.3990, and the grayscale version is 91.5970, 96.3672, 104.9439.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.3511, 54.4549, 52.6041 is the 20% darker color. If you saturate the color by 10%, you get 85.8578, 91.1770, 76.3590, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

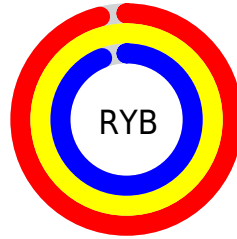
Distribution



Red (100%)

Green (98%)

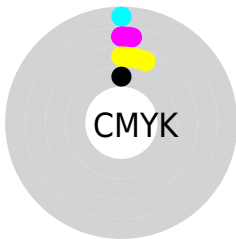
Blue (94%)



Red (96%)

Yellow (100%)

Blue (94%)

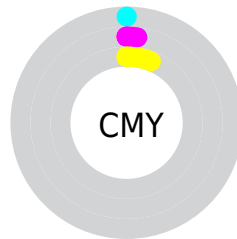


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 91.3172, 96.4864, 95.4722 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 91.3172, 96.4864, 95.4722 by changing the saturation by 10% instead.


 91.3172, 96.4864,
95.4722

 91.3172, 96.4864,
95.4722

520.4806,
548.9127, 566.6985

 69.4135, 73.3727,
71.9290


148.0358,
156.3165, 156.9180

 51.3264, 54.2808,
52.6142


183.5814,
193.8018, 195.6577

 36.6905, 38.8262,
37.1093


224.4050,
236.8463, 240.2999

 25.1406, 26.6245,
24.9956

270.8720,
285.8346, 291.2632

 16.3111, 17.2914,
15.8548

323.3477,
341.1510, 348.9662

 9.8368, 10.4425,
9.2682

382.1974,

 5.3523, 5.6933,

403.1798, 413.8274

4.8174

447.7866,
472.3056, 486.2653

■ 2.4923, 2.6595,
2.0836

■ 0.8914, 0.9567,
0.6060

■ 91.3172, 96.4864,
95.4722

■ 91.3172, 96.4864,
95.4722

■ 85.8578, 91.1770,
76.3590

95.0500, 100.0000,
108.9000

■ 80.9718, 86.2000,
59.9486

■ 76.6372, 81.5483,
46.1180

■ 72.8277, 77.2106,
34.7323

■ 69.5147, 73.1742,
25.6444

■ 66.6666, 69.4254,
18.6912

■ 64.2476, 65.9489,
13.6881

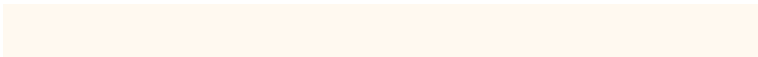
■ 62.2161, 62.7267,
10.4186

■ 60.5202, 59.7370,
8.6135

Harmonies

Analogous

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



93.1031, 96.4864, 96.1924



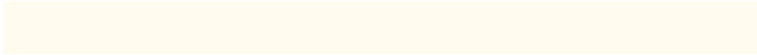
91.3172, 96.4864, 95.4722



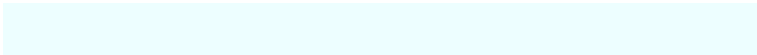
89.6574, 96.4864, 97.2516

Triad

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



91.3172, 96.4864, 95.4722



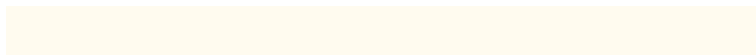
88.9398, 96.4864, 111.0844



94.9312, 96.4864, 109.0846

Complementary

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



91.3172, 96.4864, 95.4722



85.6965, 89.6696, 107.3990

Split Complementary

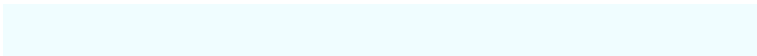
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.7885, 96.4864, 113.2699



91.3172, 96.4864, 95.4722



90.3258, 96.4864, 114.4507

Square

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



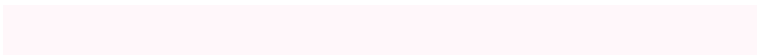
91.3172, 96.4864, 95.4722



88.2965, 96.4864, 106.1804



92.0988, 96.4864, 115.2634



95.2051, 96.4864, 103.9421

Rectangle

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



91.3172, 96.4864, 95.4722



88.8406, 96.4864, 99.6514



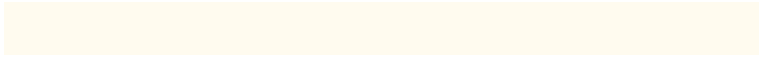
92.0988, 96.4864, 115.2634



94.6352, 96.4864, 110.6552

Sweetspot

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



91.3194, 96.4903, 95.4743



93.8348, 98.8662, 104.4978



88.2849, 89.4653, 97.4105



20.0973, 21.1734, 22.4129



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.



91.3194, 96.4903, 95.4743



90.3345, 95.5487, 91.9762



91.1241, 98.2614, 95.8264



19.1547, 20.2775, 19.0487



31.4474, 30.9060, 4.3080



3.1484, 3.1821, 0.4483

Inverse Universe

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



85.6965, 89.6696, 107.3990



83.2487, 86.9535, 107.0038



85.8797, 88.0090, 107.0688



17.3714, 18.1144, 22.8308



10.4780, 5.8656, 50.0145



1.1023, 0.7354, 4.8971

Previews

White Background



This preview shows how the XYZ color 91.3172, 96.4864, 95.4722 looks on a white background.

Color Contrast Check

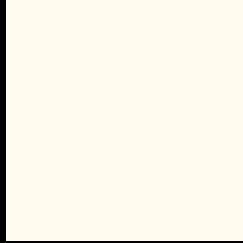
Large Text (above 18pt) WCAG AA × Fail

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 91.3172, 96.4864, 95.4722 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 91.3172, 96.4864, 95.4722

Background



This preview shows how black text looks on a background with the XYZ color 91.3172, 96.4864, 95.4722.



This preview shows how white text looks on a background with the XYZ color 91.3172, 96.4864, 95.4722.

95.422.

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

91.3172, 96.4864, 95.4722

Protanopia

91.7547, 96.1629, 99.3132

Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

92.7436, 96.4739, 108.3409

Trichromacy



Original Color

91.3172, 96.4864, 95.4722

Protanomaly

91.4526, 96.0420, 97.7223

Deuteranomaly

92.0602, 96.2850, 100.9216

Tritanomaly

92.1575, 96.2816, 103.3495

Monochromacy



Original Color

91.3172, 96.4864, 95.4722



Achromatopsia

91.6934, 96.4686, 105.0543

Achromatomaly

91.4306, 96.4052, 101.7848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 91.3172, 96.4864, 95.4722 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, 251, 239) looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 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, 251, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 239) }
```

Border

The CSS property to change the border of an element to XYZ 91.3172, 96.4864, 95.4722 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, 251, 239) }
```


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

```
.border{ border-color:rgb(255, 251, 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, 251, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 91.3172, 96.4864, 95.4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 239) }
```

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

```
.background{ background-color: rgb(255,  
251, 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](#).

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