

Converting Colors

XYZ(30.4997, 21.9746, 14.2122)

Have a look what the booklet for
XYZ(30.4997, 21.9746, 14.2122)
contains.

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Color

**XYZ(30.3917, 21.8966,
14.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	C86262
RGB	200, 98, 98
RGB Percent	78%, 38%, 38%
CMY	0.2157, 0.6157, 0.6157
CMYK	0.00, 0.51, 0.51, 0.22
HSL	0°, 48%, 58%
HSV	0°, 51%, 78%
XYZ	30.3917, 21.8966, 14.1799
YIQ	128.4980, 60.7920, 21.6240

Conversions

Conversions Part 2

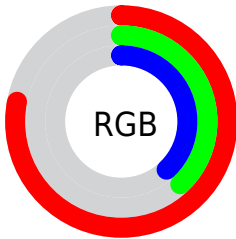
Format	Color
R_{YB}	200, 98, 98
Decimal	13132386
CIE _{Lab}	53.92, 40.54, 19.17
CIE _{LCh}	54, 44.845, 25.309
Yxy	21.8966, 0.4572, 0.3294
Android (android.graphics.Color)	4291322466 (0xFFC86262)
YUV	128.4980, -15.0355, 62.7073
Hunter-Lab	46.7938, 34.0433, 14.7890

Details

The XYZ color **30.3917, 21.8966, 14.1799** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.1152, 48.0725, 62.0188**, and the grayscale version is **20.7275, 21.8070, 23.7478**.

A 20% lighter version of the original color is **57.7314, 45.5631, 34.1856**, and **12.7917, 8.0317, 4.1249** is the 20% darker color. If you saturate the color by 10%, you get **27.9194, 18.2793, 9.2646**, and if you desaturate by 10%, it is **33.5684, 26.5455, 20.4943**.

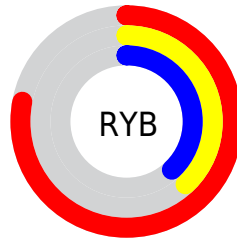
Distribution



Red (78%)

Green (38%)

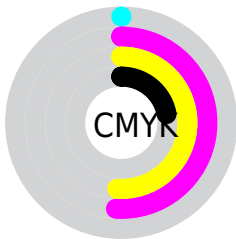
Blue (38%)



Red (78%)

Yellow (38%)

Blue (38%)

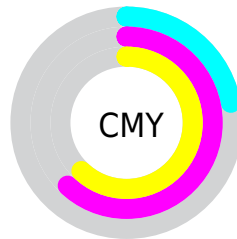


Cyan (0%)

Magenta (51%)

Yellow (51%)

Black (22%)



Cyan (22%)

Magenta (62%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3917, 21.8966, 14.1799 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 30.3917, 21.8966, 14.1799 by changing the saturation by 10% instead.


 30.3917, 21.8966,
14.1799


 30.3917, 21.8966,
14.1799


295.6032,
262.0058, 229.8144


 20.2856, 13.7809,
8.1057


 59.6635, 46.5750,
34.1296


 12.7123, 7.9685,
4.0739


 79.5599, 63.9066,
48.8422

 7.3064, 4.0748,
1.6660


 103.4505, 85.0789,
67.2714

 3.7025, 1.7155,
0.3373

 131.7005,
110.4764, 89.8356

 1.5352, 0.4336,
0.0000

164.6755,
140.4835, 116.9535

 0.3496, 0.0000,
0.0000

202.7407,

 0.0000, 0.0000,

175.4844, 149.0436

0.0000

246.2615,
215.8638, 186.5243

■ 30.3917, 21.8966,
14.1799

■ 30.3917, 21.8966,
14.1799

■ 27.9194, 18.2793,
9.2646

■ 33.5684, 26.5455,
20.4943

■ 26.0966, 15.6118,
5.6410

■ 37.4959, 32.2925,
28.3018

■ 24.8626, 13.8061,
3.1882

■ 42.2183, 39.2027,
37.6898

■ 24.1450, 12.7560,
1.7619

■ 47.7760, 47.3352,
48.7383

■ 23.8194, 12.2796,
1.1148

■ 54.2066, 56.7450,
61.5223

■ 61.5455, 67.4838,
76.1119

■ 69.8260, 79.6004,
92.5735

■ 77.6293, 91.0193,
108.0847

Harmonies

Analogous

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



31.5130, 21.8966, 26.0848



30.3917, 21.8966, 14.1799



26.5605, 21.8966, 7.9733

Triad

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



30.3917, 21.8966, 14.1799



14.0694, 21.8966, 11.6776



20.0614, 21.8966, 61.4084

Complementary

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



30.3917, 21.8966, 14.1799



36.1152, 48.0725, 62.0188

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.



15.9593, 21.8966, 53.0942



30.3917, 21.8966, 14.1799



12.8577, 21.8966, 21.7309

Square

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



30.3917, 21.8966, 14.1799



17.0876, 21.8966, 6.9701



13.4922, 21.8966, 37.1214



25.0418, 21.8966, 56.8926

Rectangle

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



30.3917, 21.8966, 14.1799



23.2584, 21.8966, 6.2543



13.4922, 21.8966, 37.1214



18.5436, 21.8966, 59.9530

Sweetspot

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



30.3922, 21.8978, 14.1803



78.4809, 75.7548, 75.9610



38.6123, 25.1849, 57.4694



16.3598, 15.5732, 15.3873



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.



30.3922, 21.8978, 14.1803



48.0192, 31.1804, 15.4050



36.7714, 34.6561, 16.3067



10.6339, 10.6370, 11.0554



15.1453, 7.8079, 0.7088



0.7171, 0.3697, 0.0336

Inverse Universe

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



36.1152, 48.0725, 62.0188



59.0021, 81.4124, 107.2122



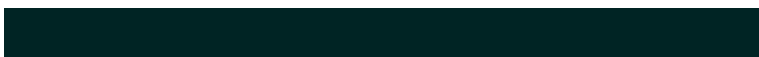
26.2098, 28.2618, 58.7170



10.9467, 12.0675, 13.6698



19.7599, 28.9137, 39.2838



0.9356, 1.3691, 1.8601

Previews

White Background



This preview shows how the XYZ color 30.3917, 21.8966, 14.1799 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3917, 21.8966, 14.1799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

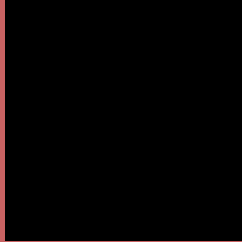
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3917, 21.8966, 14.1799

Background



This preview shows how black text looks on a background with the XYZ color 30.3917, 21.8966, 14.1799.



This preview shows how white text looks on a background with the XYZ color 30.3917, 21.8966,

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

30.3917, 21.8966, 14.1799

Protanopia

20.9842, 22.1270, 18.7877

Deuteranopia

22.3649, 21.9958, 13.6565



Tritanopia

30.5928, 21.8282, 15.6976

Trichromacy



Original Color

30.3917, 21.8966, 14.1799

Protanomaly

23.4833, 21.4105, 17.0823

Deuteranomaly

24.7739, 21.6337, 13.6965

Tritanomaly

30.4924, 21.7881, 15.1688

Monochromacy



Original Color

30.3917, 21.8966, 14.1799

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.2660, 21.2334, 20.0118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3917, 21.8966, 14.1799 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(200, 98, 98)` looks like.

```
.text, #text, p{  
    color:rgb(200, 98, 98)  
}
```

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(200, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 98, 98) }
```

Border

The CSS property to change the border of an element to XYZ 30.3917, 21.8966, 14.1799 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(200, 98, 98) }
```


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

```
.border{ border-color:rgb(200, 98, 98) }
```

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

Here you see how a box with a 4 pixel rgb(200, 98, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(200, 98,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3917, 21.8966, 14.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 98, 98) }
```

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

```
.background{ background-color: rgb(200, 98,  
98) }
```

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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