

Converting Colors

XYZ(31.5756, 22.9348, 17.2068)

Have a look what the booklet for
XYZ(31.5756, 22.9348, 17.2068)
contains.

XYZ(31.5014, 22.8290, 17.2141)	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(31.5014, 22.8290,
17.2141)**

Conversions

Conversions Part 1

Format	Color
Hex	C9656D
RGB	201, 101, 109
RGB Percent	79%, 40%, 43%
CMY	0.2118, 0.6039, 0.5725
CMYK	0.00, 0.50, 0.46, 0.21
HSL	355°, 48%, 59%
HSV	355°, 50%, 79%
XYZ	31.5014, 22.8290, 17.2141
YIQ	131.8120, 57.0320, 23.6880

Conversions

Conversions Part 2

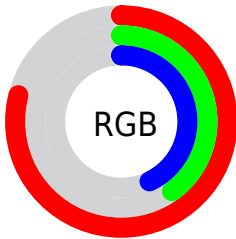
Format	Color
R_{YB}	201, 101, 109
Decimal	13198701
CIE Lab	54.90, 40.43, 14.09
CIE LCh	55, 42.819, 19.211
Yxy	22.8290, 0.4403, 0.3191
Android (android.graphics.Color)	4291388781 (0xFFC9656D)
YUV	131.8120, -11.2463, 60.6779
Hunter-Lab	47.7797, 34.0715, 12.0848

Details

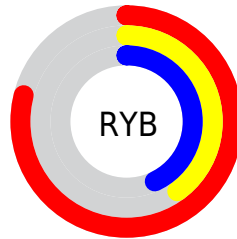
The XYZ color **31.5014, 22.8290, 17.2141** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.8804, 48.3908, 57.9045**, and the grayscale version is **21.8899, 23.0299, 25.0796**.

A 20% lighter version of the original color is **59.1408, 46.9093, 39.1950**, and **13.3378, 8.4686, 5.4891** is the 20% darker color. If you saturate the color by 10%, you get **28.8900, 19.0353, 11.9381**, and if you desaturate by 10%, it is **34.8007, 27.6633, 23.7531**.

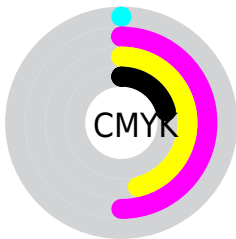
Distribution



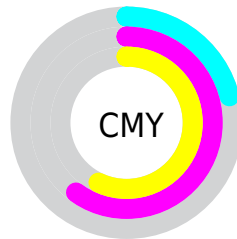
- Red (79%)
- Green (40%)
- Blue (43%)



- Red (79%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (50%)
- Yellow (46%)
- Black (21%)





- Cyan (21%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5014, 22.8290, 17.2141 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 31.5014, 22.8290, 17.2141 by changing the saturation by 10% instead.


 31.5014, 22.8290,
17.2141


 31.5014, 22.8290,
17.2141


300.6275,
266.8455, 248.4888


 21.1346, 14.4673,
10.2237

 61.3991, 48.1124,
39.4892

 13.3355, 8.4464,
5.4400


 81.6608, 65.8029,
55.6110

 7.7386, 4.3819,
2.4444

 105.9514, 87.3717,
75.6136

 3.9785, 1.8894,
0.8105

 134.6365,
113.2034, 99.9157

 1.6900, 0.5420,
0.0000

168.0813,
143.6821, 128.9357

 0.4500, 0.0000,
0.0000

206.6511,

 0.0000, 0.0000,

179.1925, 163.0922

0.0000

250.7114,
220.1188, 202.8037

■ 31.5014, 22.8290,
17.2141

■ 31.5014, 22.8290,
17.2141

■ 28.8900, 19.0353,
11.9381

■ 34.8007, 27.6633,
23.7531

■ 26.9159, 16.2024,
7.8422

■ 38.8299, 33.6030,
31.6281

■ 25.5248, 14.2450,
4.8357


■ 43.6300, 40.7120,
40.9081


■ 24.6521, 13.0610,
2.8141


■ 49.2383, 49.0484,
51.6569


■ 24.1904, 12.4675,
1.6430

■ 55.6897, 58.6661,
63.9345

 24.1814, 12.4551,
1.6225

 63.0169, 69.6161,
77.7973

 71.2511, 81.9465,
93.2991

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



31.9480, 22.8290, 30.0744



31.5014, 22.8290, 17.2141



28.2189, 22.8290, 9.8609

Triad

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



31.5014, 22.8290, 17.2141



15.4992, 22.8290, 11.3993



20.0353, 22.8290, 60.3601

Complementary

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



31.5014, 22.8290, 17.2141



35.8804, 48.3908, 57.9045

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.



16.2685, 22.8290, 50.3438



31.5014, 22.8290, 17.2141



13.9151, 22.8290, 20.2807

Square

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



31.5014, 22.8290, 17.2141



18.8332, 22.8290, 7.4495



14.1745, 22.8290, 34.4812



24.8401, 22.8290, 58.5840

Rectangle

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



31.5014, 22.8290, 17.2141



25.0993, 22.8290, 7.5602



14.1745, 22.8290, 34.4812



18.6193, 22.8290, 58.1494

Sweetspot

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



31.5020, 22.8302, 17.2145



78.8813, 75.9141, 78.0724



37.1044, 24.8193, 58.0932



16.4545, 15.6109, 15.8868



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.



31.5020, 22.8302, 17.2145



49.0419, 31.9829, 19.5776



36.2096, 32.9032, 16.7560



10.6677, 10.6505, 11.2335



15.2182, 7.8368, 1.0930



0.7328, 0.3759, 0.1159

Inverse Universe

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



31.5020, 22.8302, 17.2145



49.0419, 31.9829, 19.5776



28.3661, 31.8960, 59.9197



10.6677, 10.6505, 11.2335



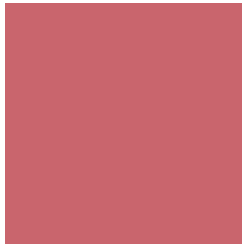
15.2182, 7.8368, 1.0930



0.7328, 0.3759, 0.1159

Previews

White Background



This preview shows how the XYZ color 31.5014, 22.8290, 17.2141 looks on a white background.

Color Contrast Check

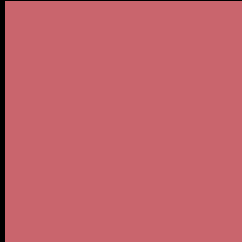
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5014, 22.8290, 17.2141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

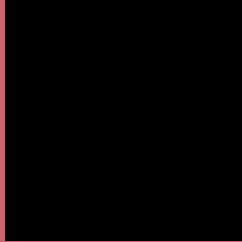
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.5014, 22.8290, 17.2141

Background



This preview shows how black text looks on a background with the XYZ color 31.5014, 22.8290, 17.2141.



This preview shows how white text looks on a background with the XYZ color 31.5014, 22.8290,

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

31.5014, 22.8290, 17.2141

Protanopia

21.9077, 22.9221, 22.3385

Deuteranopia

23.4656, 23.0687, 16.5805



Tritanopia

31.4478, 22.8076, 16.9322

Trichromacy



Original Color

31.5014, 22.8290, 17.2141

Protanomaly

24.5434, 22.2384, 20.4516

Deuteranomaly

25.8745, 22.6554, 16.6449

Tritanomaly

31.4478, 22.8076, 16.9322

Monochromacy



Original Color

31.5014, 22.8290, 17.2141

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.3801, 22.2981, 22.0878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5014, 22.8290, 17.2141 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(201, 101, 109)` looks like.

```
.text, #text, p{  
    color:rgb(201, 101, 109)  
}
```

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(201, 101, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 101, 109) }
```

Border

The CSS property to change the border of an element to XYZ 31.5014, 22.8290, 17.2141 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(201, 101, 109) }
```


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

```
.border{ border-color:rgb(201, 101, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 101, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 101, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 101, 109);  
box-shadow:4px 4px 4px 4px rgb(201, 101,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5014, 22.8290, 17.2141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 101, 109) }
```

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

```
.background{ background-color: rgb(201,  
101, 109) }
```

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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