

Converting Colors

XYZ(28.9481, 20.9052, 18.3085)

Have a look what the booklet for
XYZ(28.9481, 20.9052, 18.3085)
contains.

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Color

**XYZ(29.0502, 20.9708,
18.4362)**

Conversions

Conversions Part 1

Format	Color
Hex	C06172
RGB	192, 97, 114
RGB Percent	75%, 38%, 45%
CMY	0.2471, 0.6196, 0.5529
CMYK	0.00, 0.49, 0.41, 0.25
HSL	349°, 43%, 57%
HSV	349°, 49%, 75%
XYZ	29.0502, 20.9708, 18.4362
YIQ	127.3430, 51.1630, 25.4270

Conversions

Conversions Part 2

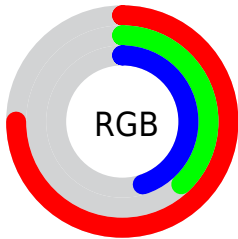
Format	Color
R_{YB}	192, 97, 114
Decimal	12607858
CIE _{Lab}	52.92, 39.74, 8.18
CIE _{LCh}	53, 40.576, 11.627
Yxy	20.9708, 0.4244, 0.3063
Android (android.graphics.Color)	4290797938 (0xFFC06172)
YUV	127.3430, -6.5781, 56.7042
Hunter-Lab	45.7939, 33.0955, 8.1861

Details

The XYZ color **29.0502, 20.9708, 18.4362** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.5184, 43.3363, 47.2638**, and the grayscale version is **20.3010, 21.3583, 23.2591**.

A 20% lighter version of the original color is **57.5729, 45.0751, 41.7423**, and **11.9520, 7.4982, 5.9716** is the 20% darker color. If you saturate the color by 10%, you get **26.6646, 17.5140, 13.5888**, and if you desaturate by 10%, it is **32.0209, 25.3502, 24.2421**.

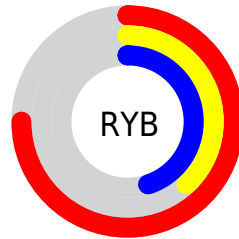
Distribution



Red (75%)

Green (38%)

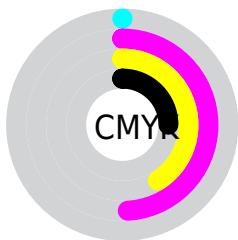
Blue (45%)



Red (75%)

Yellow (38%)

Blue (45%)

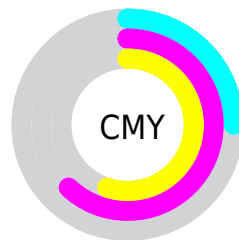


Cyan (0%)

Magenta (49%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (62%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0502, 20.9708, 18.4362 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 29.0502, 20.9708, 18.4362 by changing the saturation by 10% instead.

■ 29.0502, 20.9708,
18.4362

■ 29.0502, 20.9708,
18.4362

289.4417,
257.1233, 255.6365

■ 19.2633, 13.1027,
11.0909

■ 57.5538, 45.0389,
41.6031

■ 11.9658, 7.4993,
6.0131

■ 77.0013, 62.0077,
58.2619

■ 6.7924, 3.7763,
2.7841

■ 100.3996, 82.7788,
78.8622

■ 3.3778, 1.5492,
0.9855

■ 128.1141,
107.7367, 103.8227

■ 1.3566, 0.3230,
0.0000

160.5102,
137.2657, 133.5618

■ 0.2250, 0.0000,
0.0000

197.9533,

■ 0.0000, 0.0000,

171.7501, 168.4981

0.0000

240.8087,
211.5746, 209.0502

■ 29.0502, 20.9708,
18.4362

■ 29.0502, 20.9708,
18.4362

■ 26.6646, 17.5140,
13.5888

■ 32.0209, 25.3502,
24.2421

■ 24.8230, 14.9104,
9.6465

■ 35.6108, 30.7087,
31.0536

■ 23.4814, 13.0860,
6.5522


■ 39.8532, 37.1019,
38.9160


■ 22.5882, 11.9526,
4.2416


■ 44.7787, 44.5804,
47.8716


■ 22.0551, 11.3507,
2.6322

■ 50.4157, 53.1915,
57.9602

 22.0320, 11.3240,
2.5644

 56.7913, 62.9797,
69.2196

 63.9308, 73.9870,
81.6859

 71.8586, 86.2533,
95.3937

 75.5482, 89.9465,
107.9873

Harmonies

Analogous

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



28.7316, 20.9708, 31.0286



29.0502, 20.9708, 18.4362



26.6818, 20.9708, 10.5533

Triad

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



29.0502, 20.9708, 18.4362



14.9839, 20.9708, 9.4321



17.4670, 20.9708, 53.0041

Complementary

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



29.0502, 20.9708, 18.4362



31.5184, 43.3363, 47.2638

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.



14.4291, 20.9708, 42.1635



29.0502, 20.9708, 18.4362



13.1422, 20.9708, 16.2258

Square

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



29.0502, 20.9708, 18.4362



18.3309, 20.9708, 6.7310



12.9547, 20.9708, 27.8800



21.6240, 20.9708, 54.2628

Rectangle

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



29.0502, 20.9708, 18.4362



24.0708, 20.9708, 7.8166



12.9547, 20.9708, 27.8800



16.2973, 20.9708, 50.2185

Sweetspot

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



29.0508, 20.9719, 18.4366



75.8380, 72.7211, 77.1410



31.3757, 21.4222, 52.3504



15.8735, 15.0001, 15.8263



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.0508, 20.9719, 18.4366



48.1367, 31.4794, 24.2510



31.4968, 27.2710, 14.9145



10.1451, 10.1067, 10.8548



14.8461, 7.6282, 1.8356



0.6645, 0.3388, 0.2007

Inverse Universe

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



29.0508, 20.9719, 18.4366



48.1367, 31.4794, 24.2510



27.3508, 32.1594, 54.6350



10.1451, 10.1067, 10.8548



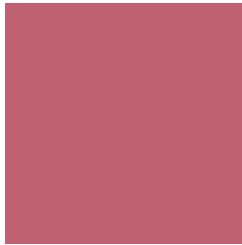
14.8461, 7.6282, 1.8356



0.6645, 0.3388, 0.2007

Previews

White Background



This preview shows how the XYZ color 29.0502, 20.9708, 18.4362 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 29.0502, 20.9708, 18.4362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

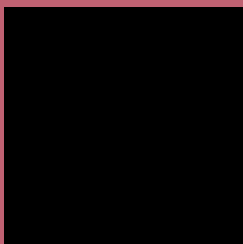
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0502, 20.9708, 18.4362

Background



This preview shows how black text looks on a background with the XYZ color 29.0502, 20.9708, 18.4362.



This preview shows how white text looks on a background with the XYZ color 29.0502, 20.9708,

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

29.0502, 20.9708, 18.4362

Protanopia

20.3922, 21.1226, 24.1214

Deuteranopia

21.4511, 21.0646, 17.6871



Tritanopia

28.4033, 20.8317, 15.8885

Trichromacy



Original Color

29.0502, 20.9708, 18.4362

Protanomaly

22.5313, 20.2960, 21.7988

Deuteranomaly

23.6747, 20.6393, 17.7749

Tritanomaly

28.5603, 20.8944, 16.7151

Monochromacy



Original Color

29.0502, 20.9708, 18.4362

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

22.5207, 20.4752, 21.1775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0502, 20.9708, 18.4362 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(192, 97, 114)` looks like.

```
.text, #text, p{  
    color:rgb(192, 97, 114)  
}
```

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(192, 97, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 97, 114) }
```

Border

The CSS property to change the border of an element to XYZ 29.0502, 20.9708, 18.4362 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(192, 97, 114) }
```


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

```
.border{ border-color:rgb(192, 97, 114) }
```

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

Here you see how a box with a 4 pixel rgb(192, 97, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 97, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 97, 114);  
box-shadow:4px 4px 4px 4px rgb(192, 97,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0502, 20.9708, 18.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 97, 114) }
```

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

```
.background{ background-color: rgb(192, 97,  
114) }
```

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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