

Converting Colors

XYZ(30.5724, 22.8633, 21.9958)

Have a look what the booklet for
XYZ(30.5724, 22.8633, 21.9958)
contains.

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Color

**XYZ(30.4279, 22.7649,
21.8591)**

Conversions

Conversions Part 1

Format	Color
Hex	C0697C
RGB	192, 105, 124
RGB Percent	75%, 41%, 49%
CMY	0.2471, 0.5882, 0.5137
CMYK	0.00, 0.45, 0.35, 0.25
HSL	347°, 41%, 58%
HSV	347°, 45%, 75%
XYZ	30.4279, 22.7649, 21.8591
YIQ	133.1790, 45.7530, 24.3530

Conversions

Conversions Part 2

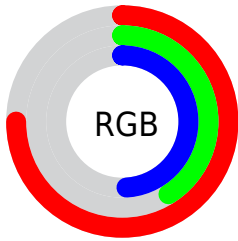
Format	Color
R_{YB}	192, 105, 124
Decimal	12609916
CIE _{Lab}	54.83, 36.74, 5.01
CIE _{LCh}	55, 37.085, 7.766
Yxy	22.7649, 0.4054, 0.3033
Android (android.graphics.Color)	4290799996 (0xFFC0697C)
YUV	133.1790, -4.5252, 51.5860
Hunter-Lab	47.7126, 30.3384, 6.2356

Details

The XYZ color **30.4279, 22.7649, 21.8591** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.2193, 43.7202, 46.2784**, and the grayscale version is **22.3645, 23.5292, 25.6233**.

A 20% lighter version of the original color is **59.8470, 48.0975, 47.2038**, and **12.7895, 8.4746, 7.6183** is the 20% darker color. If you saturate the color by 10%, you get **27.8105, 18.9350, 16.6551**, and if you desaturate by 10%, it is **33.6325, 27.5377, 27.9720**.

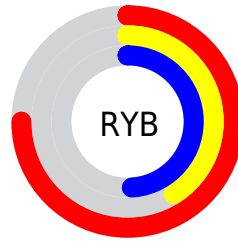
Distribution



Red (75%)

Green (41%)

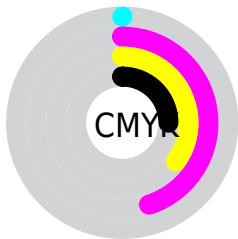
Blue (49%)



Red (75%)

Yellow (41%)

Blue (49%)

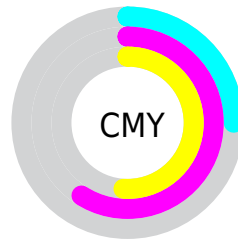


Cyan (0%)

Magenta (45%)

Yellow (35%)

Black (25%)



Cyan (25%)


Magenta (59%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4279, 22.7649, 21.8591 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 30.4279, 22.7649, 21.8591 by changing the saturation by 10% instead.


 30.4279, 22.7649,
21.8591


 30.4279, 22.7649,
21.8591


295.7681,
266.5152, 274.7390


 20.3133, 14.4200,
13.5561


 59.7202, 48.0070,
47.4122


 12.7326, 8.4134,
7.6774


 79.6286, 65.6730,
65.4994

 7.3204, 4.3606,
3.8044


 103.5324, 87.2148,
87.6850

 3.7114, 1.8772,
1.5187

 131.7967,
113.0169, 114.3876

 1.5402, 0.5346,
0.2318

164.7872,
143.4635, 146.0258

 0.3529, 0.0000,
0.0000

202.8690,

 0.0000, 0.0000,

178.9392, 183.0181

0.0000

246.4075,
219.8283, 225.7830

■ 30.4279, 22.7649,
21.8591

■ 30.4279, 22.7649,
21.8591

■ 27.8105, 18.9350,
16.6551

■ 33.6325, 27.5377,
27.9720

■ 25.7417, 15.9819,
12.3143

■ 37.4558, 33.3071,
35.0337

■ 24.1815, 13.8363,
8.7890


■ 41.9292, 40.1265,
43.0832


■ 23.0829, 12.4166,
6.0260


■ 47.0815, 48.0449,
52.1569


■ 22.3895, 11.6234,
3.9650

■ 52.9396, 57.1078,
62.2895

 22.1548, 11.3731,
3.2108

 59.5291, 67.3584,
73.5138

 66.8742, 78.8375,
85.8614

 73.8369, 89.2619,
98.9754

 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.



29.7874, 22.7649, 34.3511



30.4279, 22.7649, 21.8591



28.4881, 22.7649, 13.3698

Triad

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



30.4279, 22.7649, 21.8591



17.1587, 22.7649, 10.8784



18.7889, 22.7649, 52.1160

Complementary

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



30.4279, 22.7649, 21.8591



32.2193, 43.7202, 46.2784

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.



15.9836, 22.7649, 41.3487



30.4279, 22.7649, 21.8591



15.1286, 22.7649, 17.1868

Square

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



30.4279, 22.7649, 21.8591



20.5892, 22.7649, 8.4696



14.7274, 22.7649, 27.9656



22.7204, 22.7649, 54.5691

Rectangle

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



30.4279, 22.7649, 21.8591



26.1213, 22.7649, 10.1722



14.7274, 22.7649, 27.9656



17.6984, 22.7649, 49.2152

Sweetspot

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



30.4285, 22.7660, 21.8595



76.9261, 74.1662, 79.7576



31.5144, 22.6470, 52.5795



16.0964, 15.2884, 16.3868



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.



30.4285, 22.7660, 21.8595



50.5801, 34.5830, 30.5631



32.0342, 27.7182, 17.0279



10.1612, 10.1131, 10.9395



14.9320, 7.6626, 2.2882



0.6717, 0.3417, 0.2384

Inverse Universe

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



30.4285, 22.7660, 21.8595



50.5801, 34.5830, 30.5631



29.4919, 35.1115, 55.0920



10.1612, 10.1131, 10.9395



14.9320, 7.6626, 2.2882



0.6717, 0.3417, 0.2384

Previews

White Background



This preview shows how the XYZ color 30.4279, 22.7649, 21.8591 looks on a white background.

Color Contrast Check

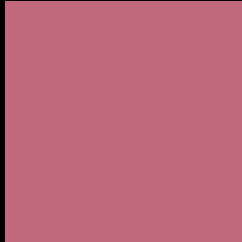
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4279, 22.7649, 21.8591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

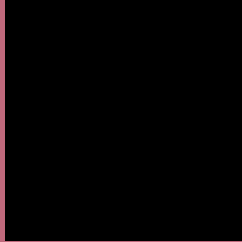
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4279, 22.7649, 21.8591

Background



This preview shows how black text looks on a background with the XYZ color 30.4279, 22.7649, 21.8591.



This preview shows how white text looks on a background with the XYZ color 30.4279, 22.7649,

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

30.4279, 22.7649, 21.8591

Protanopia

22.2922, 23.0022, 27.6910

Deuteranopia

23.3740, 22.9244, 20.9622



Tritanopia

29.7808, 22.8067, 18.7521

Trichromacy



Original Color

30.4279, 22.7649, 21.8591

Protanomaly

24.5890, 22.5103, 25.6032

Deuteranomaly

25.5651, 22.5735, 21.0988

Tritanomaly

29.9099, 22.6924, 19.9432

Monochromacy



Original Color

30.4279, 22.7649, 21.8591

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.4386, 22.6476, 24.2025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4279, 22.7649, 21.8591 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, 105, 124)` looks like.

```
.text, #text, p{  
    color:rgb(192, 105, 124)  
}
```

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, 105, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 105, 124) }
```

Border

The CSS property to change the border of an element to XYZ 30.4279, 22.7649, 21.8591 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, 105, 124) }
```


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

```
.border{ border-color:rgb(192, 105, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 105, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 105, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 105, 124);  
box-shadow:4px 4px 4px 4px rgb(192, 105,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4279, 22.7649, 21.8591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 105, 124) }
```

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

```
.background{ background-color: rgb(192,  
105, 124) }
```

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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