

Converting Colors

XYZ(30.4735, 22.1110, 16.6221)

Have a look what the booklet for
XYZ(30.4735, 22.1110, 16.6221)
contains.

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Color

**XYZ(30.4997, 22.1816,
16.5839)**

Conversions

Conversions Part 1

Format	Color
Hex	C6646B
RGB	198, 100, 107
RGB Percent	78%, 39%, 42%
CMY	0.2235, 0.6078, 0.5804
CMYK	0.00, 0.49, 0.46, 0.22
HSL	356°, 46%, 58%
HSV	356°, 49%, 78%
XYZ	30.4997, 22.1816, 16.5839
YIQ	130.1000, 56.1610, 22.9530

Conversions

Conversions Part 2

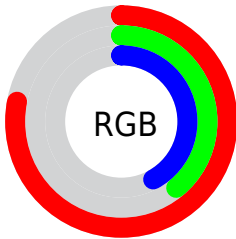
Format	Color
R_{YB}	198, 100, 107
Decimal	13001835
CIE _{Lab}	54.22, 39.64, 14.26
CIE _{LCh}	54, 42.130, 19.783
Yxy	22.1816, 0.4403, 0.3202
Android (android.graphics.Color)	4291191915 (0xFFC6646B)
YUV	130.1000, -11.3883, 59.5483
Hunter-Lab	47.0973, 33.1742, 12.0910

Details

The XYZ color **30.4997, 22.1816, 16.5839** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.8547, 46.8595, 56.5007**, and the grayscale version is **21.2792, 22.3874, 24.3798**.

A 20% lighter version of the original color is **58.8028, 46.5111, 38.2260**, and **12.7291, 8.0983, 5.1672** is the 20% darker color. If you saturate the color by 10%, you get **27.9594, 18.4881, 11.4614**, and if you desaturate by 10%, it is **33.7083, 26.8826, 22.9443**.

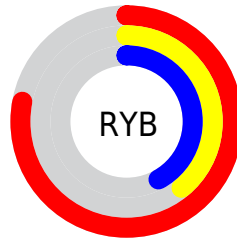
Distribution



Red (78%)

Green (39%)

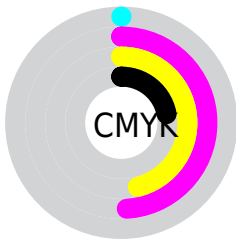
Blue (42%)



Red (78%)

Yellow (39%)

Blue (42%)

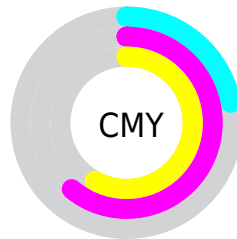


Cyan (0%)

Magenta (49%)

Yellow (46%)

Black (22%)



Cyan (22%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4997, 22.1816, 16.5839 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 30.4997, 22.1816, 16.5839 by changing the saturation by 10% instead.

 30.4997, 22.1816,
16.5839


 30.4997, 22.1816,
16.5839


296.0950,
263.4932, 244.7252

 20.3681, 13.9904,
9.7795


 59.8328, 47.0460,
38.3898


 12.7727, 8.1140,
5.1493


 79.7650, 64.4879,
54.2282

 7.3482, 4.1680,
2.2749


 103.6947, 85.7822,
73.9152

 3.7290, 1.7680,
0.7171

 131.9875,
111.3133, 97.8691

 1.5500, 0.4671,
0.0000

165.0085,
141.4655, 126.5085

 0.3595, 0.0000,
0.0000

203.1232,

 0.0000, 0.0000,

176.6233, 160.2519

0.0000

246.6969,
217.1711, 199.5180

■ 30.4997, 22.1816,
16.5839

■ 30.4997, 22.1816,
16.5839

■ 27.9594, 18.4881,
11.4614

■ 33.7083, 26.8826,
22.9443

■ 26.0385, 15.7252,
7.4950

■ 37.6260, 32.6536,
30.6148

■ 24.6843, 13.8110,
4.5948


■ 42.2926, 39.5561,
39.6634


■ 23.8342, 12.6473,
2.6574


■ 47.7441, 47.6461,
50.1531


■ 23.3863, 12.0623,
1.5501


■ 54.0145, 56.9757,
62.1431

 23.3688, 12.0378,
1.5121

 61.1356, 67.5939,
75.6892

 69.1376, 79.5472,
90.8442

 76.9531, 90.6875,
107.2932

 77.0987, 90.7457,
108.0599

Harmonies

Analogous

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



30.9883, 22.1816, 28.9061



30.4997, 22.1816, 16.5839



27.2937, 22.1816, 9.5616

Triad

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



30.4997, 22.1816, 16.5839



15.0495, 22.1816, 11.2559



19.5596, 22.1816, 58.4339

Complementary

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



30.4997, 22.1816, 16.5839



34.8547, 46.8595, 56.5007

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.



15.8940, 22.1816, 48.9744



30.4997, 22.1816, 16.5839



13.5514, 22.1816, 19.9500

Square

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



30.4997, 22.1816, 16.5839



18.2414, 22.1816, 7.3473



13.8363, 22.1816, 33.7303



24.2053, 22.1816, 56.4945

Rectangle

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



30.4997, 22.1816, 16.5839



24.2741, 22.1816, 7.3769



13.8363, 22.1816, 33.7303



18.1845, 22.1816, 56.3794

Sweetspot

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



30.5003, 22.1827, 16.5843



78.8380, 75.8967, 77.8442



35.9444, 24.1184, 56.1868



16.4442, 15.6068, 15.8327



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.



30.5003, 22.1827, 16.5843



49.3571, 32.5162, 19.9820



35.0900, 31.9276, 16.3713



10.6641, 10.6490, 11.2143



15.2095, 7.8334, 1.0471



0.7311, 0.3753, 0.1071

Inverse Universe

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



30.5003, 22.1827, 16.5843



49.3571, 32.5162, 19.9820



27.5348, 30.9580, 57.9502



10.6641, 10.6490, 11.2143



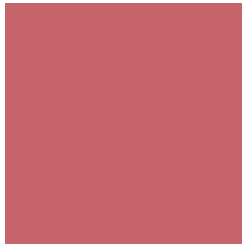
15.2095, 7.8334, 1.0471



0.7311, 0.3753, 0.1071

Previews

White Background



This preview shows how the XYZ color 30.4997, 22.1816, 16.5839 looks on a white background.

Color Contrast Check

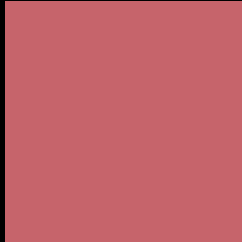
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4997, 22.1816, 16.5839 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 30.4997, 22.1816, 16.5839

Background



This preview shows how black text looks on a background with the XYZ color 30.4997, 22.1816, 16.5839.



This preview shows how white text looks on a background with the XYZ color 30.4997, 22.1816,

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

30.4997, 22.1816, 16.5839

Protanopia

21.3270, 22.4387, 21.6194

Deuteranopia

22.7307, 22.3219, 15.9425



Tritanopia

30.4997, 22.1816, 16.5839

Trichromacy



Original Color

30.4997, 22.1816, 16.5839

Protanomaly

23.7123, 21.6461, 19.7580

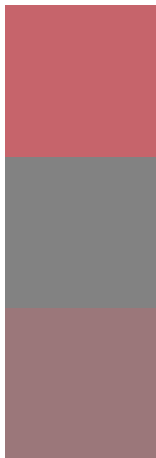
Deuteranomaly

25.1063, 21.9253, 16.0055

Tritanomaly

30.4997, 22.1816, 16.5839

Monochromacy



Original Color

30.4997, 22.1816, 16.5839

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.6272, 21.5674, 21.3300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4997, 22.1816, 16.5839 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(198, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(198, 100, 107)  
}
```

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(198, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 100, 107) }
```

Border

The CSS property to change the border of an element to XYZ 30.4997, 22.1816, 16.5839 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(198, 100, 107) }
```


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

```
.border{ border-color:rgb(198, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(198, 100,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4997, 22.1816, 16.5839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 100, 107) }
```

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

```
.background{ background-color: rgb(198,  
100, 107) }
```

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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