

Converting Colors

XYZ(30.8340, 22.2784, 17.1886)

Have a look what the booklet for
XYZ(30.8340, 22.2784, 17.1886)
contains.

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Color

**XYZ(30.8707, 22.3606,
17.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	C7646D
RGB	199, 100, 109
RGB Percent	78%, 39%, 43%
CMY	0.2196, 0.6078, 0.5725
CMYK	0.00, 0.50, 0.45, 0.22
HSL	355°, 47%, 59%
HSV	355°, 50%, 78%
XYZ	30.8707, 22.3606, 17.1570
YIQ	130.6270, 56.1150, 23.7870

Conversions

Conversions Part 2

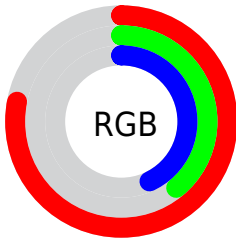
Format	Color
R _Y B	199, 100, 109
Decimal	13067373
CIE Lab	54.41, 40.21, 13.37
CIE LCh	54, 42.377, 18.387
Yxy	22.3606, 0.4386, 0.3177
Android (android.graphics.Color)	4291257453 (0xFFC7646D)
YUV	130.6270, -10.6621, 59.9631
Hunter-Lab	47.2870, 33.7792, 11.5889

Details

The XYZ color **30.8707, 22.3606, 17.1570** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.9744, 47.2744, 55.9996**, and the grayscale version is **21.4639, 22.5817, 24.5915**.

A 20% lighter version of the original color is **58.9764, 46.5805, 39.1403**, and **12.9523, 8.2071, 5.4589** is the 20% darker color. If you saturate the color by 10%, you get **28.3140, 18.6487, 11.9842**, and if you desaturate by 10%, it is **34.0951, 27.0872, 23.5417**.

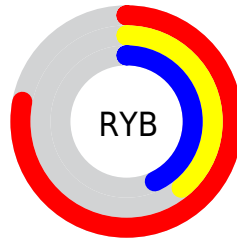
Distribution



Red (78%)

Green (39%)

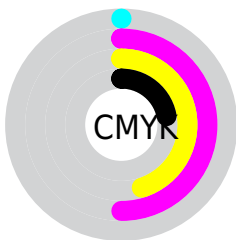
Blue (43%)



Red (78%)

Yellow (39%)

Blue (43%)

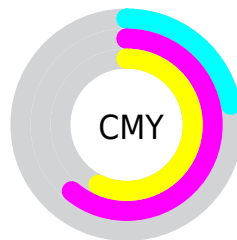


Cyan (0%)

Magenta (50%)

Yellow (45%)

Black (22%)



Cyan (22%)


Magenta (61%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8707, 22.3606, 17.1570 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 30.8707, 22.3606, 17.1570 by changing the saturation by 10% instead.


 30.8707, 22.3606,
17.1570


 30.8707, 22.3606,
17.1570


297.7797,
264.4237, 248.1500


 20.6518, 14.1221,
10.1834


 60.4137, 47.3413,
39.3899


 12.9807, 8.2056,
5.4135


 80.4684, 64.8522,
55.4862

 7.4922, 4.2268,
2.4289


 104.5325, 86.2228,
75.4604

 3.8208, 1.8012,
0.8021

 132.9712,
111.8374, 99.7312

 1.6013, 0.4879,
0.0000

166.1499,
142.0804, 128.7170

 0.3932, 0.0000,
0.0000

204.4340,

 0.0000, 0.0000,

177.3362, 162.8363

0.0000

248.1888,
217.9891, 202.5078

■ 30.8707, 22.3606,
17.1570

■ 30.8707, 22.3606,
17.1570

■ 28.3140, 18.6487,
11.9842

■ 34.0951, 27.0872,
23.5417

■ 26.3764, 15.8741,
7.9454

■ 38.0280, 32.8917,
31.2072

■ 25.0053, 13.9536,
4.9554


■ 42.7087, 39.8362,
40.2185


■ 24.1387, 12.7881,
2.9164


■ 48.1733, 47.9771,
50.6359


■ 23.6723, 12.1986,
1.7027


■ 54.4555, 57.3671,
62.5162

 23.6630, 12.1860,
1.6807

 61.5870, 68.0558,
75.9127

 69.5979, 80.0899,
90.8764

 77.1602, 90.8009,
107.0036

 77.3632, 90.8821,
108.0723

Harmonies

Analogous

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



31.2213, 22.3606, 29.8487



30.8707, 22.3606, 17.1570



27.7309, 22.3606, 9.8260

Triad

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



30.8707, 22.3606, 17.1570



15.2674, 22.3606, 11.0361



19.5108, 22.3606, 58.8371

Complementary

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



30.8707, 22.3606, 17.1570



34.9744, 47.2744, 55.9996

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.



15.8719, 22.3606, 48.8190



30.8707, 22.3606, 17.1570



13.6706, 22.3606, 19.5665

Square

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



30.8707, 22.3606, 17.1570



18.5666, 22.3606, 7.2810



13.8745, 22.3606, 33.3082



24.1870, 22.3606, 57.4439

Rectangle

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



30.8707, 22.3606, 17.1570



24.7040, 22.3606, 7.5028



13.8745, 22.3606, 33.3082



18.1395, 22.3606, 56.5783

Sweetspot

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



30.8713, 22.3618, 17.1574



78.9366, 75.9362, 78.3636



35.8777, 24.0707, 56.7879



16.4676, 15.6161, 15.9558



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.



30.8713, 22.3618, 17.1574



49.1381, 32.0214, 20.0840



35.1740, 31.7028, 16.3235



10.6724, 10.6523, 11.2579



15.2303, 7.8417, 1.1564



0.7349, 0.3768, 0.1271

Inverse Universe

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



30.8713, 22.3618, 17.1574



49.1381, 32.0214, 20.0840



28.0324, 31.7681, 58.6871



10.6724, 10.6523, 11.2579



15.2303, 7.8417, 1.1564



0.7349, 0.3768, 0.1271

Previews

White Background



This preview shows how the XYZ color 30.8707, 22.3606, 17.1570 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 30.8707, 22.3606, 17.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

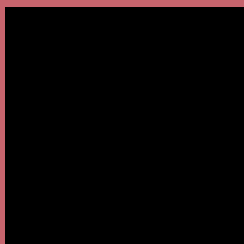
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8707, 22.3606, 17.1570

Background



This preview shows how black text looks on a background with the XYZ color 30.8707, 22.3606, 17.1570.



This preview shows how white text looks on a background with the XYZ color 30.8707, 22.3606,

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

30.8707, 22.3606, 17.1570

Protanopia

21.4522, 22.4888, 22.2789

Deuteranopia

22.8323, 22.3626, 16.4776



Tritanopia

30.7642, 22.3180, 16.5963

Trichromacy



Original Color

30.8707, 22.3606, 17.1570

Protanomaly

24.0272, 21.7947, 20.3932

Deuteranomaly

25.2091, 21.9664, 16.5469

Tritanomaly

30.8171, 22.3392, 16.8750

Monochromacy



Original Color

30.8707, 22.3606, 17.1570

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

24.0019, 21.9309, 21.7069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8707, 22.3606, 17.1570 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(199, 100, 109)` looks like.

```
.text, #text, p{  
    color:rgb(199, 100, 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(199, 100, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 100, 109) }
```

Border

The CSS property to change the border of an element to XYZ 30.8707, 22.3606, 17.1570 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(199, 100, 109) }
```


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

```
.border{ border-color:rgb(199, 100, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 100, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 100, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 100, 109);  
box-shadow:4px 4px 4px 4px rgb(199, 100,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8707, 22.3606, 17.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 100, 109) }
```

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

```
.background{ background-color: rgb(199,  
100, 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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