

Converting Colors

XYZ(30.5212, 19.3161, 13.6750)

Have a look what the booklet for
XYZ(30.5212, 19.3161, 13.6750)
contains.

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Color

**XYZ(30.5212, 19.3161,
13.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	CF4C62
RGB	207, 76, 98
RGB Percent	81%, 30%, 38%
CMY	0.1882, 0.7019, 0.6157
CMYK	0.00, 0.63, 0.53, 0.19
HSL	350°, 58%, 55%
HSV	350°, 63%, 81%
XYZ	30.5212, 19.3161, 13.6750
YIQ	117.6770, 71.0140, 34.6140

Conversions

Conversions Part 2

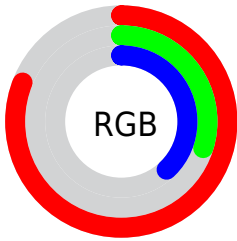
Format	Color
R_{YB}	207, 76, 98
Decimal	13585506
CIE _{Lab}	51.05, 53.36, 15.45
CIE _{LCh}	51, 55.555, 16.151
Yxy	19.3161, 0.4806, 0.3041
Android (android.graphics.Color)	4291775586 (0xFFCF4C62)
YUV	117.6770, -9.7008, 78.3363
Hunter-Lab	43.9501, 47.0469, 12.3171

Details

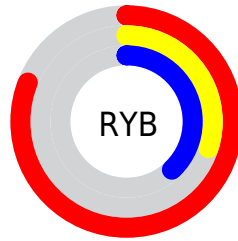
The XYZ color **30.5212, 19.3161, 13.6750** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **34.0516, 49.6655, 53.6945**, and the grayscale version is **17.1336, 18.0258, 19.6301**.

A 20% lighter version of the original color is **54.7016, 39.6307, 32.7834**, and **12.7610, 6.6681, 3.8633** is the 20% darker color. If you saturate the color by 10%, you get **28.5897, 16.6178, 9.4413**, and if you desaturate by 10%, it is **33.0873, 23.0038, 18.9839**.

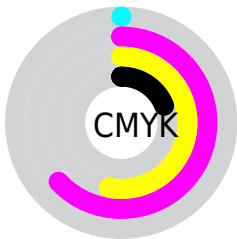
Distribution



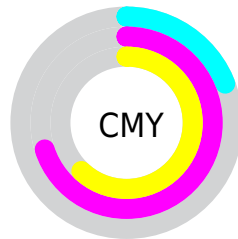
- Red (81%)
- Green (30%)
- Blue (38%)



- Red (81%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (63%)
- Yellow (53%)
- Black (19%)




- Cyan (19%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5212, 19.3161, 13.6750 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 30.5212, 19.3161, 13.6750 by changing the saturation by 10% instead.


 30.5212, 19.3161,
13.6750


 30.5212, 19.3161,
13.6750


296.1928,
248.1883, 226.5572

 20.3846, 11.8989,
7.7588


 59.8664, 42.2676,
33.2200

 12.7848, 6.6749,
3.8555


 79.8058, 58.5706,
47.6859


 7.3565, 3.2596,
1.5464


 103.7433, 78.6044,
65.8389

 3.7343, 1.2687,
0.2521

 132.0446,
102.7533, 88.0973

 1.5530, 0.1168,
0.0000

 165.0748,
131.4018, 114.8798

 0.3615, 0.0000,
0.0000

203.1993,

 0.0000, 0.0000,

164.9342, 146.6049

0.0000

246.7835,
203.7349, 183.6912

■ 30.5212, 19.3161,
13.6750

■ 30.5212, 19.3161,
13.6750

■ 28.5897, 16.6178,
9.4413

■ 33.0873, 23.0038,
18.9839

■ 27.2343, 14.8096,
6.2070

■ 36.3367, 27.7614,
25.4348

■ 26.3875, 13.7768,
3.8871

■ 40.3148, 33.6648,
33.0900

■ 26.0318, 13.3853,
2.7826

■ 45.0629, 40.7818,
42.0068

■ 50.6188, 49.1753,
52.2391

■ 57.0181, 58.9036,
63.8375

■ 64.2941, 70.0215,
76.8500

■ 72.4784, 82.5806,
91.3220

■ 79.2252, 91.8786,
106.5053

Harmonies

Analogous

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



30.6760, 19.3161, 29.1559



30.5212, 19.3161, 13.6750



26.7133, 19.3161, 5.8685

Triad

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



30.5212, 19.3161, 13.6750



11.7340, 19.3161, 6.2441



15.9401, 19.3161, 66.3409

Complementary

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



30.5212, 19.3161, 13.6750



34.0516, 49.6655, 53.6945

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.



11.9586, 19.3161, 51.3502



30.5212, 19.3161, 13.6750



9.8794, 19.3161, 14.5774

Square

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



30.5212, 19.3161, 13.6750



15.5691, 19.3161, 3.2831



9.9524, 19.3161, 30.6437



21.4646, 19.3161, 65.6650

Rectangle

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



30.5212, 19.3161, 13.6750



22.9811, 19.3161, 3.7034



9.9524, 19.3161, 30.6437



14.4030, 19.3161, 62.7359

Sweetspot

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



30.5217, 19.3172, 13.6753



75.6692, 70.5580, 73.7085



33.3722, 19.7403, 61.0827



15.6643, 14.2999, 14.7925



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.



30.5217, 19.3172, 13.6753



44.9281, 25.4223, 13.0672



33.4552, 26.6240, 10.2145



11.8886, 11.8402, 12.6890



16.4251, 8.4429, 1.8787



0.9440, 0.4823, 0.2401

Inverse Universe

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



30.5217, 19.3172, 13.6753



44.9281, 25.4223, 13.0672



27.7925, 33.1397, 63.9632



11.8886, 11.8402, 12.6890



16.4251, 8.4429, 1.8787



0.9440, 0.4823, 0.2401

Previews

White Background



This preview shows how the XYZ color 30.5212, 19.3161, 13.6750 looks on a white background.

Color Contrast Check

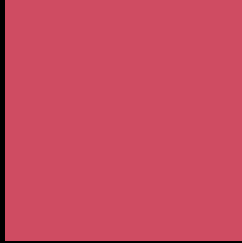
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5212, 19.3161, 13.6750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

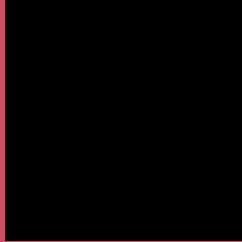
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.5212, 19.3161, 13.6750

Background



This preview shows how black text looks on a background with the XYZ color 30.5212, 19.3161, 13.6750.



This preview shows how white text looks on a background with the XYZ color 30.5212, 19.3161,

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

30.5212, 19.3161, 13.6750

Protanopia

18.8682, 19.6595, 20.8894

Deuteranopia

19.7947, 19.4246, 12.8312



Tritanopia

29.8498, 19.3539, 10.5499

Trichromacy



Original Color

30.5212, 19.3161, 13.6750

Protanomaly

21.5498, 18.2640, 18.0123

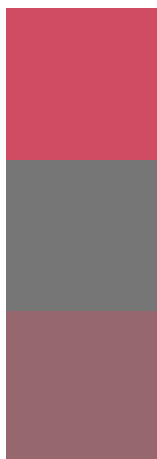
Deuteranomaly

22.7081, 18.5264, 12.9688

Tritanomaly

29.9812, 19.2919, 11.5947

Monochromacy



Original Color

30.5212, 19.3161, 13.6750

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

20.2972, 17.3322, 17.3146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5212, 19.3161, 13.6750 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(207, 76, 98)` looks like.

```
.text, #text, p{  
    color:rgb(207, 76, 98)  
}
```

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(207, 76, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 76, 98) }
```

Border

The CSS property to change the border of an element to XYZ 30.5212, 19.3161, 13.6750 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(207, 76, 98) }
```


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

```
.border{ border-color:rgb(207, 76, 98) }
```

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

Here you see how a box with a 4 pixel rgb(207, 76, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 76, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 76, 98);  
box-shadow:4px 4px 4px 4px rgb(207, 76,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5212, 19.3161, 13.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 76, 98) }
```

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

```
.background{ background-color: rgb(207, 76,  
98) }
```

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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