

Converting Colors

XYZ(30.6793, 19.5490, 15.3393)

Have a look what the booklet for
XYZ(30.6793, 19.5490, 15.3393)
contains.

XYZ(30.6767, 19.5701, 15.2573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.6767, 19.5701,
15.2573)**

Conversions

Conversions Part 1

Format	Color
Hex	CE4E68
RGB	206, 78, 104
RGB Percent	81%, 31%, 41%
CMY	0.1922, 0.6941, 0.5922
CMYK	0.00, 0.62, 0.50, 0.19
HSL	348°, 57%, 56%
HSV	348°, 62%, 81%
XYZ	30.6767, 19.5701, 15.2573
YIQ	119.2360, 67.9420, 35.2220

Conversions

Conversions Part 2

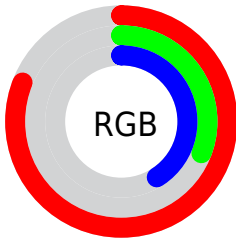
Format	Color
RYB	206, 78, 104
Decimal	13520488
CIELab	51.35, 52.68, 12.24
CIElCh	51, 54.084, 13.076
Yxy	19.5701, 0.4683, 0.2988
Android (android.graphics.Color)	4291710568 (0xFFCE4E68)
YUV	119.2360, -7.5113, 76.0920
Hunter-Lab	44.2381, 46.3633, 10.5181

Details

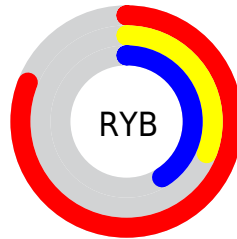
The XYZ color **30.6767, 19.5701, 15.2573** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **33.4527, 49.0581, 50.8898**, and the grayscale version is **17.6182, 18.5357, 20.1854**.

A 20% lighter version of the original color is **55.5439, 40.4016, 35.8812**, and **12.9420, 6.8401, 4.5090** is the 20% darker color. If you saturate the color by 10%, you get **28.6812, 16.7862, 10.8709**, and if you desaturate by 10%, it is **33.2939, 23.3376, 20.6522**.

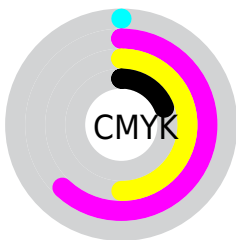
Distribution



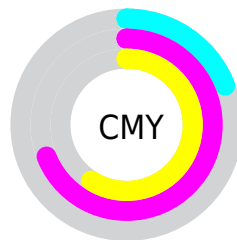
- Red (81%)
- Green (31%)
- Blue (41%)



- Red (81%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (62%)
- Yellow (50%)
- Black (19%)




- Cyan (19%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6767, 19.5701, 15.2573 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 30.6767, 19.5701, 15.2573 by changing the saturation by 10% instead.


 30.6767, 19.5701,
15.2573


 30.6767, 19.5701,
15.2573


296.8996,
249.5782, 236.6125


 20.5034, 12.0829,
8.8515


 60.1100, 42.6952,
36.0526

 12.8719, 6.8002,
4.5490


 80.1008, 59.1020,
51.2792


 7.4168, 3.3375,
1.9311


 104.0947, 79.2508,
70.2832

 3.7727, 1.3103,
0.5124

 132.4572,
103.5259, 93.4831

 1.5744, 0.1492,
0.0000

 165.5535,
132.3118, 121.2974

 0.3756, 0.0000,
0.0000

203.7492,

 0.0000, 0.0000,

165.9929, 154.1448

0.0000

247.4094,
204.9536, 192.4436

■ 30.6767, 19.5701,
15.2573

■ 30.6767, 19.5701,
15.2573

■ 28.6812, 16.7862,
10.8709

■ 33.2939, 23.3376,
20.6522

■ 27.2519, 14.8901,
7.4272

■ 36.5785, 28.1663,
27.1132

■ 26.3255, 13.7720,
4.8540

■ 40.5740, 34.1300,
34.6947

■ 25.8685, 13.2878,
3.3764

■ 45.3193, 41.2947,
43.4472

■ 50.8508, 49.7214,
53.4178

■ 57.2021, 59.4670,
64.6512

■ 64.4052, 70.5848,
77.1897

■ 72.4901, 83.1253,
91.0737

■ 78.7445, 91.6542,
105.4280

Harmonies

Analogous

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



30.4251, 19.5701, 31.2046



30.6767, 19.5701, 15.2573



27.2753, 19.5701, 6.7563

Triad

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



30.6767, 19.5701, 15.2573



12.3655, 19.5701, 6.1199



15.7354, 19.5701, 64.3719

Complementary

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



30.6767, 19.5701, 15.2573



33.4527, 49.0581, 50.8898

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.



11.9933, 19.5701, 48.7981



30.6767, 19.5701, 15.2573



10.3221, 19.5701, 13.7629

Square

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



30.6767, 19.5701, 15.2573



16.3465, 19.5701, 3.4742



10.2005, 19.5701, 28.7793



21.0534, 19.5701, 65.4596

Rectangle

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



30.6767, 19.5701, 15.2573



23.7168, 19.5701, 4.2598



10.2005, 19.5701, 28.7793



14.2791, 19.5701, 60.4065

Sweetspot

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



30.6772, 19.5712, 15.2576



75.8890, 70.6459, 74.8662



32.2872, 19.4029, 60.4357



15.7165, 14.3208, 15.0673



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.



30.6772, 19.5712, 15.2576



45.4869, 25.8697, 15.3201



32.8770, 25.7681, 10.4502



11.3039, 11.2503, 12.1352



15.9574, 8.1935, 2.2283



0.8511, 0.4339, 0.2619

Inverse Universe

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



30.6772, 19.5712, 15.2576



45.4869, 25.8697, 15.3201



28.6082, 34.7266, 63.5874



11.3039, 11.2503, 12.1352



15.9574, 8.1935, 2.2283



0.8511, 0.4339, 0.2619

Previews

White Background



This preview shows how the XYZ color 30.6767, 19.5701, 15.2573 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 30.6767, 19.5701, 15.2573 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 30.6767, 19.5701, 15.2573

Background



This preview shows how black text looks on a background with the XYZ color 30.6767, 19.5701, 15.2573.



This preview shows how white text looks on a background with the XYZ color 30.6767, 19.5701,

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

30.6767, 19.5701, 15.2573

Protanopia

19.1025, 19.7365, 22.8814

Deuteranopia

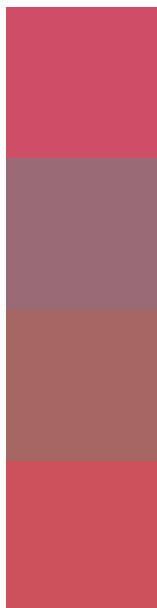
20.0107, 19.6783, 14.2989



Tritanopia

29.7990, 19.5359, 11.0043

Trichromacy



Original Color

30.6767, 19.5701, 15.2573

Protanomaly

21.8102, 18.5100, 19.8760

Deuteranomaly

22.8764, 18.7276, 14.4657

Tritanomaly

30.0213, 19.5068, 12.5388

Monochromacy



Original Color

30.6767, 19.5701, 15.2573

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.7501, 17.6948, 18.2414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6767, 19.5701, 15.2573 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(206, 78, 104)` looks like.

```
.text, #text, p{  
    color:rgb(206, 78, 104)  
}
```

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(206, 78, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 78, 104) }
```

Border

The CSS property to change the border of an element to XYZ 30.6767, 19.5701, 15.2573 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(206, 78, 104) }
```


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

```
.border{ border-color:rgb(206, 78, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 78, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 78, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 78, 104);  
box-shadow:4px 4px 4px 4px rgb(206, 78,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6767, 19.5701, 15.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 78, 104) }
```

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

```
.background{ background-color: rgb(206, 78,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor