

Converting Colors

XYZ(30.9378, 19.7211, 16.5047)

Have a look what the booklet for
XYZ(30.9378, 19.7211, 16.5047)
contains.

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Color

**XYZ(30.9383, 19.6747,
16.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	CE4E6D
RGB	206, 78, 109
RGB Percent	81%, 31%, 43%
CMY	0.1922, 0.6941, 0.5725
CMYK	0.00, 0.62, 0.47, 0.19
HSL	345°, 57%, 56%
HSV	345°, 62%, 81%
XYZ	30.9383, 19.6747, 16.6350
YIQ	119.8060, 66.3370, 36.7770

Conversions

Conversions Part 2

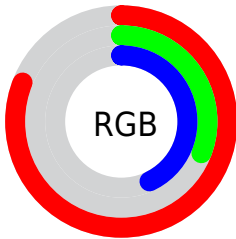
Format	Color
R_{YB}	206, 78, 109
Decimal	13520493
CIE _{Lab}	51.47, 53.14, 9.41
CIE _{LCh}	51, 53.963, 10.037
Yxy	19.6747, 0.4601, 0.2926
Android (android.graphics.Color)	4291710573 (0xFFCE4E6D)
YUV	119.8060, -5.3274, 75.5921
Hunter-Lab	44.3562, 46.8799, 8.8137

Details

The XYZ color **30.9383, 19.6747, 16.6350** 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 **32.9523, 48.8579, 48.2546**, and the grayscale version is **17.7931, 18.7197, 20.3858**.

A 20% lighter version of the original color is **55.9727, 40.5731, 38.1390**, and **13.0592, 6.8649, 5.1942** is the 20% darker color. If you saturate the color by 10%, you get **28.9300, 16.8857, 12.1810**, and if you desaturate by 10%, it is **33.5552, 23.4420, 22.0287**.

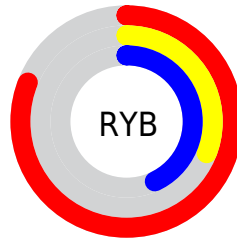
Distribution



Red (81%)

Green (31%)

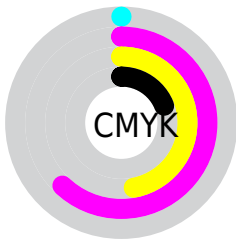
Blue (43%)



Red (81%)

Yellow (31%)

Blue (43%)

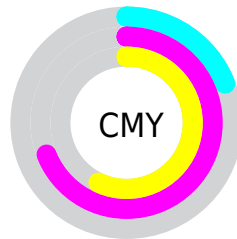


Cyan (0%)

Magenta (62%)

Yellow (47%)

Black (19%)



Cyan (19%)


Magenta (69%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9383, 19.6747, 16.6350 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 30.9383, 19.6747, 16.6350 by changing the saturation by 10% instead.


 30.9383, 19.6747,
16.6350


 30.9383, 19.6747,
16.6350


298.0859,
250.1486, 245.0324


 20.7035, 12.1588,
9.8154


 60.5194, 42.8711,
38.4792


 13.0186, 6.8519,
5.1727


 80.5964, 59.3204,
54.3408


 7.5185, 3.3697,
2.2885


 104.6848, 79.5163,
74.0535

 3.8376, 1.3276,
0.7247

 133.1501,
103.8432, 98.0359

 1.6107, 0.1625,
0.0000

 166.3574,
132.6855, 126.7064

 0.3994, 0.0000,
0.0000

204.6723,

 0.0000, 0.0000,

166.4276, 160.4837

0.0000

248.4600,
205.4538, 199.7862

■ 30.9383, 19.6747,
16.6350

■ 30.9383, 19.6747,
16.6350

■ 28.9300, 16.8857,
12.1810

■ 33.5552, 23.4420,
22.0287

■ 27.4763, 14.9798,
8.6092

■ 36.8253, 28.2649,
28.4125

■ 26.5160, 13.8482,
5.8567

■ 40.7904, 34.2165,
35.8342

■ 26.0267, 13.3511,
4.2096

■ 45.4885, 41.3623,
44.3383

■ 50.9549, 49.7629,
53.9666

■ 57.2224, 59.4750,
64.7584

■ 64.3219, 70.5513,
76.7514

■ 72.2826, 83.0422,
89.9815

■ 78.3915, 91.5130,
103.5691

Harmonies

Analogous

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



30.2908, 19.6747, 33.2986



30.9383, 19.6747, 16.6350



27.8566, 19.6747, 7.3976

Triad

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



30.9383, 19.6747, 16.6350



12.7711, 19.6747, 5.7435



15.3665, 19.6747, 63.4400

Complementary

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



30.9383, 19.6747, 16.6350



32.9523, 48.8579, 48.2546

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.



11.8086, 19.6747, 46.8942



30.9383, 19.6747, 16.6350



10.5229, 19.6747, 12.7706

Square

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



30.9383, 19.6747, 16.6350



16.9439, 19.6747, 3.4334



10.2083, 19.6747, 27.0501



20.5739, 19.6747, 66.2333

Rectangle

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



30.9383, 19.6747, 16.6350



24.3962, 19.6747, 4.5832



10.2083, 19.6747, 27.0501



13.9679, 19.6747, 59.0237

Sweetspot

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



30.9388, 19.6758, 16.6353



76.1358, 70.7446, 76.1657



31.3214, 18.9049, 60.3906



15.7751, 14.3443, 15.3764



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.



30.9388, 19.6758, 16.6353



45.8771, 26.0258, 17.3747



32.4055, 24.8250, 10.2929



11.3218, 11.2575, 12.2295



16.0588, 8.2341, 2.7626



0.8593, 0.4371, 0.3051

Inverse Universe

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



30.9388, 19.6758, 16.6353



45.8771, 26.0258, 17.3747



29.4194, 36.3490, 63.8579



11.3218, 11.2575, 12.2295



16.0588, 8.2341, 2.7626



0.8593, 0.4371, 0.3051

Previews

White Background



This preview shows how the XYZ color 30.9383, 19.6747, 16.6350 looks on a white background.

Color Contrast Check

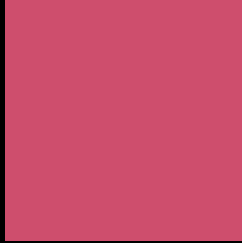
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9383, 19.6747, 16.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

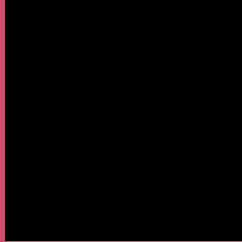
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.9383, 19.6747, 16.6350

Background



This preview shows how black text looks on a background with the XYZ color 30.9383, 19.6747, 16.6350.



This preview shows how white text looks on a background with the XYZ color 30.9383, 19.6747,

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

30.9383, 19.6747, 16.6350

Protanopia

19.3616, 19.8235, 24.9962

Deuteranopia

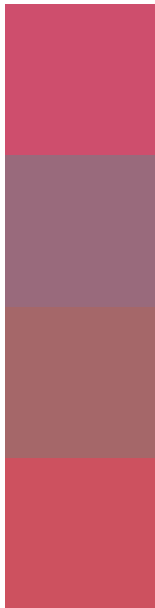
20.0819, 19.6869, 15.5735



Tritanopia

29.9144, 19.7018, 11.2430

Trichromacy



Original Color

30.9383, 19.6747, 16.6350

Protanomaly

21.9290, 18.5356, 21.4907

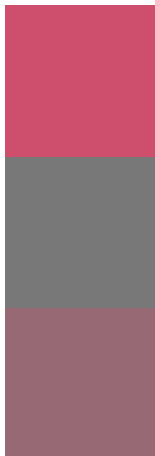
Deuteranomaly

22.9171, 18.7197, 15.7700

Tritanomaly

30.1848, 19.6902, 13.0361

Monochromacy



Original Color

30.9383, 19.6747, 16.6350

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.9665, 17.9434, 18.8814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9383, 19.6747, 16.6350 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, 109)` looks like.

```
.text, #text, p{  
  color:rgb(206, 78, 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(206, 78, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 78, 109) }
```

Border

The CSS property to change the border of an element to XYZ 30.9383, 19.6747, 16.6350 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, 109) }
```


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

```
.border{ border-color:rgb(206, 78, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 78, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 78, 109);  
box-shadow:4px 4px 4px 4px rgb(206, 78,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9383, 19.6747, 16.6350 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, 109) }
```

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

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