

Converting Colors

XYZ(30.0571, 19.7388, 19.8889)

Have a look what the booklet for
XYZ(30.0571, 19.7388, 19.8889)
contains.

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Color

**XYZ(30.0366, 19.6847,
19.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	C75378
RGB	199, 83, 120
RGB Percent	78%, 33%, 47%
CMY	0.2196, 0.6745, 0.5294
CMYK	0.00, 0.58, 0.40, 0.22
HSL	341°, 51%, 55%
HSV	341°, 58%, 78%
XYZ	30.0366, 19.6847, 19.9857
YIQ	121.9020, 57.2590, 36.0990

Conversions

Conversions Part 2

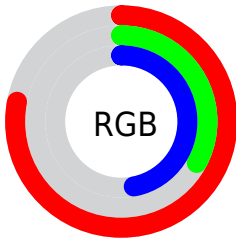
Format	Color
R_{YB}	199, 83, 120
Decimal	13063032
CIE _{Lab}	51.48, 49.71, 2.68
CIE _{LCh}	51, 49.786, 3.086
Yxy	19.6847, 0.4309, 0.2824
Android (android.graphics.Color)	4291253112 (0xFFC75378)
YUV	121.9020, -0.9377, 67.6149
Hunter-Lab	44.3674, 43.2008, 4.3495

Details

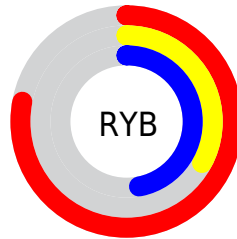
The XYZ color **30.0366, 19.6847, 19.9857** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **30.5134, 45.2950, 41.3199**, and the grayscale version is **18.4573, 19.4186, 21.1468**.

A 20% lighter version of the original color is **57.6321, 42.1299, 44.1241**, and **12.5236, 6.8694, 6.7967** is the 20% darker color. If you saturate the color by 10%, you get **27.9614, 16.7589, 15.5190**, and if you desaturate by 10%, it is **32.6662, 23.5329, 25.2120**.

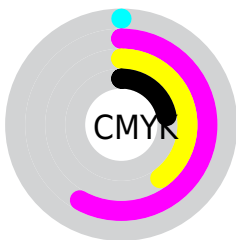
Distribution



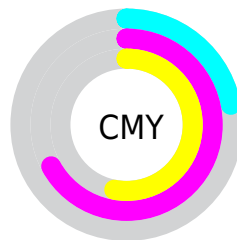
- Red (78%)
- Green (33%)
- Blue (47%)



- Red (78%)
- Yellow (33%)
- Blue (47%)



- Cyan (0%)
- Magenta (58%)
- Yellow (40%)
- Black (22%)





- Cyan (22%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0366, 19.6847, 19.9857 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 30.0366, 19.6847, 19.9857 by changing the saturation by 10% instead.


 30.0366, 19.6847,
19.9857


 30.0366, 19.6847,
19.9857


293.9818,
250.2031, 264.4394

 20.0146, 12.1661,
12.2007


 59.1063, 42.8879,
44.2519


 12.5140, 6.8569,
6.7563


 78.8847, 59.3413,
61.5701


 7.1694, 3.3728,
3.2340


 102.6459, 79.5417,
82.9031

 3.6155, 1.3293,
1.2153

 130.7553,
103.8735, 108.6695

 1.4870, 0.1637,
0.0000

 163.5782,
132.7212, 139.2878

 0.3170, 0.0000,
0.0000

201.4800,

 0.0000, 0.0000,

166.4691, 175.1765

0.0000

244.8261,
205.5016, 216.7542

■ 30.0366, 19.6847,
19.9857

■ 30.0366, 19.6847,
19.9857

■ 27.9614, 16.7589,
15.5190

■ 32.6662, 23.5329,
25.2120

■ 26.3957, 14.6734,
11.7723

■ 35.8870, 28.3701,
31.2324

■ 25.2894, 13.3366,
8.7036

■ 39.7348, 34.2603,
38.0800

■ 24.5672, 12.6069,
6.2600

■ 44.2415, 41.2614,
45.7861

■ 24.4635, 12.5062,
5.8959

■ 49.4371, 49.4267,
54.3800

■ 55.3496, 58.8064,
63.8896

■ 62.0055, 69.4475,
74.3415

■ 69.4298, 81.3947,
85.7612

■ 75.3372, 90.0717,
97.4036

Harmonies

Analogous

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



28.6509, 19.6847, 36.4564



30.0366, 19.6847, 19.9857



27.9691, 19.6847, 9.6482

Triad

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



30.0366, 19.6847, 19.9857



13.9397, 19.6847, 5.6572



14.6891, 19.6847, 56.5215

Complementary

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



30.0366, 19.6847, 19.9857



30.5134, 45.2950, 41.3199

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.



11.7592, 19.6847, 40.2363



30.0366, 19.6847, 19.9857



11.3838, 19.6847, 11.2352

Square

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



30.0366, 19.6847, 19.9857



18.1972, 19.6847, 4.0259



10.6624, 19.6847, 22.9491



19.2318, 19.6847, 62.3216

Rectangle

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



30.0366, 19.6847, 19.9857



25.0937, 19.6847, 6.1021



10.6624, 19.6847, 22.9491



13.5122, 19.6847, 51.8186

Sweetspot

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



30.0371, 19.6857, 19.9861



78.3517, 73.6344, 81.6581



27.9669, 17.8193, 55.9982



16.4001, 15.1819, 16.8558



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.



30.0371, 19.6857, 19.9861



48.1224, 28.2034, 25.2535



29.8995, 22.3363, 10.9204



10.7709, 10.6918, 11.7770



15.7662, 8.0560, 3.9786



0.7798, 0.3948, 0.3635

Inverse Universe

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



30.0371, 19.6857, 19.9861



48.1224, 28.2034, 25.2535



30.1309, 38.4713, 59.8704



10.7709, 10.6918, 11.7770



15.7662, 8.0560, 3.9786



0.7798, 0.3948, 0.3635

Previews

White Background



This preview shows how the XYZ color 30.0366, 19.6847, 19.9857 looks on a white background.

Color Contrast Check

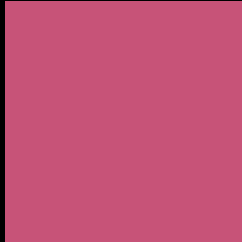
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0366, 19.6847, 19.9857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

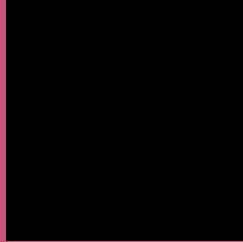
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0366, 19.6847, 19.9857

Background



This preview shows how black text looks on a background with the XYZ color 30.0366, 19.6847, 19.9857.



This preview shows how white text looks on a background with the XYZ color 30.0366, 19.6847,

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

30.0366, 19.6847, 19.9857

Protanopia

19.5252, 19.8242, 28.7840

Deuteranopia

20.1153, 19.8118, 18.6835



Tritanopia

28.5361, 19.6579, 12.8800

Trichromacy



Original Color

30.0366, 19.6847, 19.9857

Protanomaly

21.9485, 18.7703, 25.3879

Deuteranomaly

22.8036, 19.0426, 18.9967

Tritanomaly

29.0647, 19.6406, 15.0911

Monochromacy



Original Color

30.0366, 19.6847, 19.9857

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.3914, 18.5896, 20.5499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0366, 19.6847, 19.9857 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, 83, 120)` looks like.

```
.text, #text, p{  
    color:rgb(199, 83, 120)  
}
```

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, 83, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 83, 120) }
```

Border

The CSS property to change the border of an element to XYZ 30.0366, 19.6847, 19.9857 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, 83, 120) }
```


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

```
.border{ border-color:rgb(199, 83, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 83, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 83, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 83, 120);  
box-shadow:4px 4px 4px 4px rgb(199, 83,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0366, 19.6847, 19.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 83, 120) }
```

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

```
.background{ background-color: rgb(199, 83,  
120) }
```

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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