

Converting Colors

XYZ(29.9576, 18.8782, 23.6296)

Have a look what the booklet for
XYZ(29.9576, 18.8782, 23.6296)
contains.

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Color

**XYZ(30.0393, 18.9522,
23.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	C64D83
RGB	198, 77, 131
RGB Percent	78%, 30%, 51%
CMY	0.2235, 0.6980, 0.4863
CMYK	0.00, 0.61, 0.34, 0.22
HSL	333°, 51%, 54%
HSV	333°, 61%, 78%
XYZ	30.0393, 18.9522, 23.5476
YIQ	119.3350, 54.7820, 42.4460

Conversions

Conversions Part 2

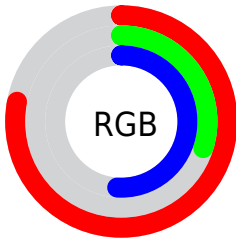
Format	Color
RYB	198, 77, 131
Decimal	12995971
CIELab	50.63, 53.38, -5.17
CIELCh	51, 53.627, 354.470
Yxy	18.9522, 0.4141, 0.2613
Android (android.graphics.Color)	4291186051 (0xFFC64D83)
YUV	119.3350, 5.7508, 68.9892
Hunter-Lab	43.5341, 46.9834, -1.5961

Details

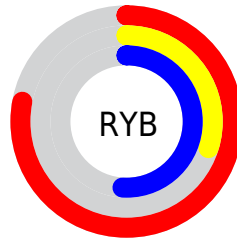
The XYZ color **30.0393, 18.9522, 23.5476** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **28.2897, 43.9801, 33.3861**, and the grayscale version is **17.6117, 18.5288, 20.1779**.

A 20% lighter version of the original color is **58.1430, 41.2232, 50.2398**, and **12.4821, 6.4725, 8.5741** is the 20% darker color. If you saturate the color by 10%, you get **28.1545, 16.3095, 19.4450**, and if you desaturate by 10%, it is **32.4254, 22.4714, 28.2057**.

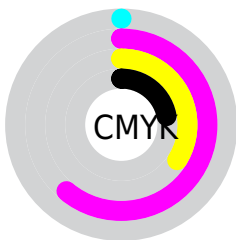
Distribution



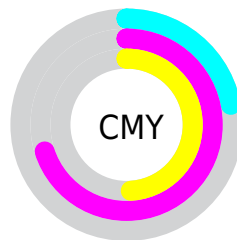
- Red (78%)
- Green (30%)
- Blue (51%)



- Red (78%)
- Yellow (30%)
- Blue (51%)



- Cyan (0%)
- Magenta (61%)
- Yellow (34%)
- Black (22%)



- Cyan (22%)
- Magenta (70%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0393, 18.9522, 23.5476 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 30.0393, 18.9522, 23.5476 by changing the saturation by 10% instead.

30.0393, 18.9522,
23.5476

30.0393, 18.9522,
23.5476

293.9941,
246.1848, 283.7378

20.0166, 11.6357,
14.7893

59.1105, 41.6533,
50.2255

12.5155, 6.4962,
8.5267

78.8898, 57.8068,
68.9821

7.1704, 3.1491,
4.3412

102.6520, 77.6747,
91.9086

3.6162, 1.2100,
1.8143

130.7625,
101.6414, 119.4235

1.4874, 0.0699,
0.4374

163.5865,
130.0914, 151.9453

0.3172, 0.0000,
0.0000

201.4896,

0.0000, 0.0000,

163.4090, 189.8926

0.0000

244.8370,
201.9787, 233.6839

■ 30.0393, 18.9522,
23.5476

■ 30.0393, 18.9522,
23.5476

■ 28.1545, 16.3095,
19.4450

■ 32.4254, 22.4714,
28.2057

■ 26.7272, 14.4600,
15.8707

■ 35.3482, 26.9345,
33.4420

■ 25.7084, 13.3096,
12.7960

■ 38.8415, 32.4054,
39.2790

■ 25.0651, 12.7163,
10.4439

■ 42.9358, 38.9417,
45.7375

■ 47.6593, 46.5967,
52.8370

■ 53.0386, 55.4199,
60.5963

■ 59.0984, 65.4580,
69.0331

■ 65.8622, 76.7551,
78.1645

■ 73.2865, 89.2209,
87.9849

Harmonies

Analogous

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



27.5363, 18.9522, 42.3969



30.0393, 18.9522, 23.5476



28.8469, 18.9522, 10.8308

Triad

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



30.0393, 18.9522, 23.5476



14.1487, 18.9522, 3.9256



12.7629, 18.9522, 54.2193

Complementary

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



30.0393, 18.9522, 23.5476



28.2897, 43.9801, 33.3861

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.



10.3018, 18.9522, 35.0698



30.0393, 18.9522, 23.5476



10.9863, 18.9522, 7.9858

Square

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



30.0393, 18.9522, 23.5476



19.0034, 18.9522, 3.1665



9.7209, 18.9522, 17.9744



17.0585, 18.9522, 64.8342

Rectangle

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



30.0393, 18.9522, 23.5476



26.2163, 18.9522, 6.2898



9.7209, 18.9522, 17.9744



11.7296, 18.9522, 48.2221

Sweetspot

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



30.0398, 18.9532, 23.5479



78.2894, 72.5998, 84.4431



24.2711, 15.2751, 55.0953



16.2545, 14.7288, 17.3060



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.



30.0398, 18.9532, 23.5479



49.0199, 27.7622, 32.4465



27.7261, 18.7368, 9.1777



10.8273, 10.7143, 12.0737



16.3422, 8.2864, 7.0117



0.8101, 0.4069, 0.5234

Inverse Universe

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



30.0398, 18.9532, 23.5479



49.0199, 27.7622, 32.4465



32.0929, 43.3328, 60.0987



10.8273, 10.7143, 12.0737



16.3422, 8.2864, 7.0117



0.8101, 0.4069, 0.5234

Previews

White Background



This preview shows how the XYZ color 30.0393, 18.9522, 23.5476 looks on a white background.

Color Contrast Check

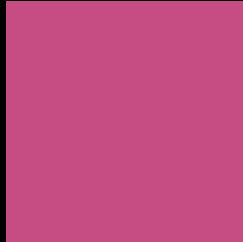
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0393, 18.9522, 23.5476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

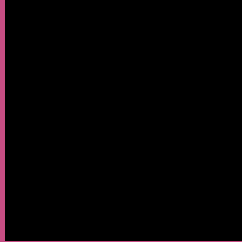
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0393, 18.9522, 23.5476

Background



This preview shows how black text looks on a background with the XYZ color 30.0393, 18.9522, 23.5476.



This preview shows how white text looks on a background with the XYZ color 30.0393, 18.9522,

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

30.0393, 18.9522, 23.5476

Protanopia

19.5300, 19.3157, 35.4998

Deuteranopia

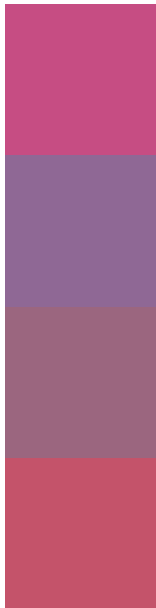
19.4230, 19.0285, 22.0512



Tritanopia

27.7218, 19.0130, 12.1063

Trichromacy



Original Color

30.0393, 18.9522, 23.5476

Protanomaly

21.7028, 17.9102, 30.7469

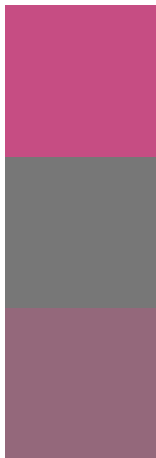
Deuteranomaly

22.0997, 18.0036, 22.3889

Tritanomaly

28.4597, 18.9629, 15.7959

Monochromacy



Original Color

30.0393, 18.9522, 23.5476

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

20.7382, 17.6266, 21.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0393, 18.9522, 23.5476 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(198, 77, 131)` looks like.

```
.text, #text, p{  
  color:rgb(198, 77, 131)  
}
```

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(198, 77, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 77, 131) }
```

Border

The CSS property to change the border of an element to XYZ 30.0393, 18.9522, 23.5476 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(198, 77, 131) }
```


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

```
.border{ border-color:rgb(198, 77, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 77, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 77, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 77, 131);  
box-shadow:4px 4px 4px 4px rgb(198, 77,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0393, 18.9522, 23.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 77, 131) }
```

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

```
.background{ background-color: rgb(198, 77,  
131) }
```

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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