

Converting Colors

YUV(151.0390, 28.0818,
46.4468)

Have a look what the booklet for
YUV(151.0390, 28.0818, 46.4468)
contains.

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Color

**YUV(151.0390, 28.0818,
46.4468)**

Conversions

Conversions Part 1

Format	Color
Hex	CC71D0
RGB	204, 113, 208
RGB Percent	80%, 44%, 82%
CMY	0.2000, 0.5569, 0.1843
CMYK	0.02, 0.46, 0.00, 0.18
HSL	297°, 50%, 63%
HSV	297°, 46%, 82%
XYZ	42.1921, 29.2017, 63.0872
YIQ	151.0390, 23.7410, 48.8370

Conversions

Conversions Part 2

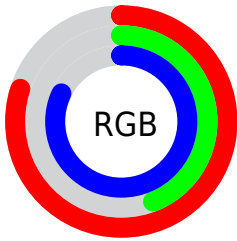
Format	Color
RYB	204, 113, 208
Decimal	13398480
CIELab	60.96, 49.70, -34.05
CIELCh	61, 60.240, 325.586
Yxy	29.2017, 0.3137, 0.2171
Android (android.graphics.Color)	4291588560 (0xFFCC71D0)
YUV	151.0390, 28.0818, 46.4468
Hunter-Lab	54.0386, 44.8013, -31.3910

Details

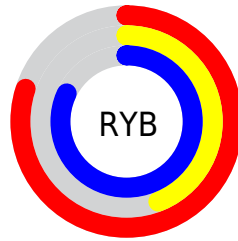
The YUV color **151.0390, 28.0818, 46.4468** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **169.9610, -28.0818, -46.4468**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3440, 25.4664, 45.3023**, and **96.9140, 27.6504, 44.8024** is the 20% darker color. If you saturate the color by 10%, you get **138.4130, 34.3064, 56.6428**, and if you desaturate by 10%, it is **163.6650, 21.8572, 36.2508**.

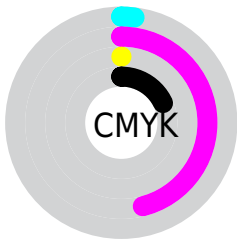
Distribution



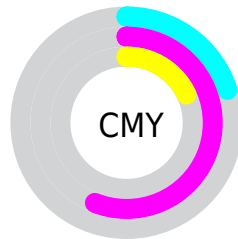
- Red (80%)
- Green (44%)
- Blue (82%)



- Red (80%)
- Yellow (44%)
- Blue (82%)



- Cyan (2%)
- Magenta (46%)
- Yellow (0%)
- Black (18%)





- Cyan (20%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.0390, 28.0818, 46.4468 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 YUV color 151.0390, 28.0818, 46.4468 by changing the saturation by 10% instead.


 151.0390, 28.0818,
46.4468


 151.0390, 28.0818,
46.4468


255.0000, 0.0000,
0.0000


 124.2130, 27.5030,
45.4172


 203.3440, 25.4664,
45.3023

 96.9140, 27.6504,
44.8024


 219.7800, 17.3635,
30.8879


 70.0280, 28.0872,
44.7024

 236.8030, 8.9711,
15.9588

 39.7340, 30.6971,
47.5913

253.8260, 0.5788,
1.0296

 29.1100, 23.6098,
34.1065

 19.9100, 16.8064,
22.8809

 5.4420, 13.0931,

0.4894

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 151.0390, 28.0818,
46.4468

■ 151.0390, 28.0818,
46.4468

■ 138.4130, 34.3064,
56.6428

■ 163.6650, 21.8572,
36.2508

■ 125.7870, 40.5310,
66.8388

■ 176.2910, 15.6325,
26.0548

■ 113.7480, 46.4662,
76.5200

■ 188.3300, 9.6973,
16.3736

■ 101.1220, 52.6909,
86.7160

■ 200.9560, 3.4727,
6.1776

■ 88.7950, 58.7681,
97.5268

■ 213.2830, -2.6045,
-4.6332

■ 83.2130, 61.5200,
101.5452

■ 225.9090, -8.8291,
-14.8292

■ 236.1870,
-13.8962, -22.9660

■ 236.4860,
-14.0436, -22.3512

■ 236.7850,
-14.1910, -21.7364

Harmonies

Analogous

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



147.4150, 47.6164, -12.6420



151.0390, 28.0818, 46.4468



145.9990, 5.4235, 80.6849

Triad

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



151.0390, 28.0818, 46.4468



140.6650, -55.5438, 35.3738



122.8520, 34.0900, -107.7412

Complementary

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



151.0390, 28.0818, 46.4468



169.9610, -28.0818, -46.4468

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.



116.5820, 10.0661, -102.2424



151.0390, 28.0818, 46.4468



136.2900, -46.9780, -5.5163

Square

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



151.0390, 28.0818, 46.4468



143.5330, -41.6748, 67.0616



124.0500, -19.7446, -60.5568



124.7050, 53.8824, -109.3663

Rectangle

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



151.0390, 28.0818, 46.4468



143.8030, -10.7489, 87.8728



124.0500, -19.7446, -60.5568



121.3870, 25.9382, -106.4564

Sweetspot

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



151.0390, 28.0818, 46.4468



233.2700, 10.7129, 17.3032



126.7650, 40.0489, -12.0719



114.7870, 6.5140, 10.7108



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



151.0390, 28.0818, 46.4468



171.0260, 41.3992, 68.3832



147.3330, 8.7098, 53.2050



98.2440, 3.3307, 5.0480



67.2910, 49.6495, 82.1828



16.3350, 12.1598, 19.8772

Inverse Universe

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



141.8610, -12.2565, 58.0039



157.5440, -18.0162, 85.4689



173.6670, -8.7098, -53.2050



97.4030, -1.1847, 6.6626



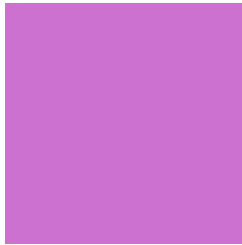
51.0300, -21.7068, 102.5827



12.4870, -5.1701, 25.0059

Previews

White Background



This preview shows how the YUV color 151.0390, 28.0818, 46.4468 looks on a white background.

Color Contrast Check

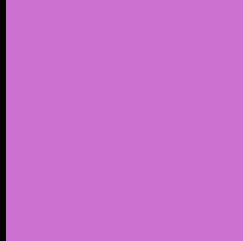
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 151.0390, 28.0818, 46.4468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

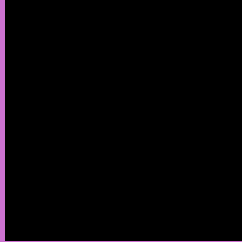
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.0390, 28.0818, 46.4468

Background



This preview shows how black text looks on a background with the YUV color 151.0390, 28.0818, 46.4468.



This preview shows how white text looks on a background with the YUV color 151.0390, 28.0818,

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

151.0390, 28.0818, 46.4468

Protanopia

145.8770, 43.4446, -27.9561

Deuteranopia

147.6000, 26.8192, -15.4352



Tritanopia

149.8740, -5.3609, 39.5755

Trichromacy



Original Color

151.0390, 28.0818, 46.4468



Protanomaly

147.6740, 38.1217, -0.5911



Deuteranomaly

148.8570, 27.1855, 7.1414



Tritanomaly

150.0990, 6.8532, 42.0092

Monochromacy



Original Color

151.0390, 28.0818, 46.4468



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.8570, 10.4235, 16.7884

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0390, 28.0818, 46.4468 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(204, 113, 208)` looks like.

```
.text, #text, p{  
    color:rgb(204, 113, 208)  
}
```

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(204, 113, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 113, 208) }
```

Border

The CSS property to change the border of an element to YUV 151.0390, 28.0818, 46.4468 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(204, 113, 208) }
```


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

```
.border{ border-color:rgb(204, 113, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 113, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 113, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 113, 208);  
box-shadow:4px 4px 4px 4px rgb(204, 113,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 151.0390, 28.0818, 46.4468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 113, 208) }
```

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

```
.background{ background-color: rgb(204,  
113, 208) }
```

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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