

Converting Colors

YUV(155.7070, 11.4834,
50.2460)

Have a look what the booklet for
YUV(155.7070, 11.4834, 50.2460)
contains.

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Color

**YUV(155.7070, 11.4834,
50.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	D57AB3
RGB	213, 122, 179
RGB Percent	84%, 48%, 70%
CMY	0.1647, 0.5216, 0.2980
CMYK	0.00, 0.43, 0.16, 0.16
HSL	322°, 52%, 66%
HSV	322°, 43%, 84%
XYZ	42.5368, 31.3199, 46.4512
YIQ	155.7070, 35.9390, 37.0190

Conversions

Conversions Part 2

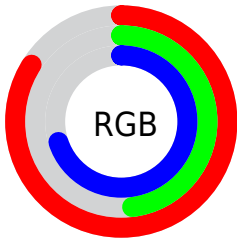
Format	Color
R _Y B	213, 122, 179
Decimal	13990579
CIE Lab	62.78, 42.90, -14.74
CIE LCh	63, 45.360, 341.040
Yxy	31.3199, 0.3536, 0.2603
Android (android.graphics.Color)	4292180659 (0xFFD57AB3)
YUV	155.7070, 11.4834, 50.2460
Hunter-Lab	55.9642, 37.7356, -10.0368

Details

The YUV color **155.7070, 11.4834, 50.2460** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **179.2930, -11.4834, -50.2460**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3470, 14.1259, 42.6687**, and **102.0980, 11.7837, 47.2721** is the 20% darker color. If you saturate the color by 10%, you get **142.4680, 14.0663, 61.8566**, and if you desaturate by 10%, it is **168.9460, 8.9006, 38.6354**.

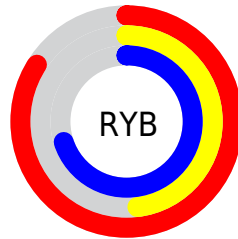
Distribution



Red (84%)

Green (48%)

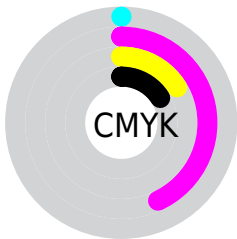
Blue (70%)



Red (84%)

Yellow (48%)

Blue (70%)

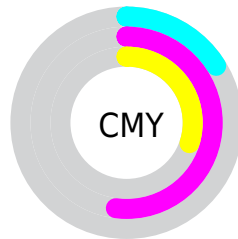


Cyan (0%)

Magenta (43%)

Yellow (16%)

Black (16%)



Cyan (16%)


Magenta (52%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 155.7070, 11.4834, 50.2460 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 155.7070, 11.4834, 50.2460 by changing the saturation by 10% instead.


 155.7070, 11.4834,
50.2460


 155.7070, 11.4834,
50.2460


255.0000, 0.0000,
0.0000

 128.6960, 11.4889,
48.5016


 206.3470, 14.1259,
42.6687


 102.0980, 11.7837,
47.2721


 225.0630, 14.7589,
26.2547

 75.9130, 12.3679,
46.5573

 242.0860, 6.3666,
11.3256

 48.0810, 14.2571,
47.2870

 28.8800, 12.3842,
41.3242

 19.6090, 6.6018,
29.2839

 7.5610, -0.7696,

13.5400

■ 0.0000, 0.0000,
0.0000

■ 155.7070, 11.4834,
50.2460

■ 155.7070, 11.4834,
50.2460

■ 142.4680, 14.0663,
61.8566

■ 168.9460, 8.9006,
38.6354

■ 128.6420, 16.9385,
73.9820

■ 182.7720, 6.0284,
26.5100

■ 115.4030, 19.5213,
85.5926

■ 196.0110, 3.4456,
14.8994

■ 102.1640, 22.1041,
97.2032

■ 209.2500, 0.8628,
3.2888

■ 88.9250, 24.6870,
108.8138

■ 223.0760, -2.0095,
-8.8367

■ 78.8490, 26.6964,
117.6504

■ 236.3150, -4.5923,
-20.4473

■ 240.1620, -2.5449,
-23.8211

■ 241.0740, 0.9495,
-24.6209

■ 241.9860, 4.4439,
-25.4207

Harmonies

Analogous

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



155.8520, 28.1740, 16.7928



155.7070, 11.4834, 50.2460



153.1700, -7.4788, 65.6259

Triad

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



155.7070, 11.4834, 50.2460



146.8160, -37.8703, 13.3164



123.0460, 39.9103, -107.9113

Complementary

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



155.7070, 11.4834, 50.2460



179.2930, -11.4834, -50.2460

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.



120.4750, 22.4438, -105.6566



155.7070, 11.4834, 50.2460



142.2830, -26.2685, -21.2962

Square

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



155.7070, 11.4834, 50.2460



150.2200, -37.0835, 41.0261



131.5560, -3.7251, -65.3856



121.5590, 51.9824, -106.6072

Rectangle

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



155.7070, 11.4834, 50.2460



151.9560, -19.6983, 64.9366



131.5560, -3.7251, -65.3856



122.8520, 34.0900, -107.7412

Sweetspot

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



155.7070, 11.4834, 50.2460



234.2610, 4.3083, 18.1881



142.2410, 34.8842, 11.1896



114.7610, 2.5828, 11.6106



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.



155.7070, 11.4834, 50.2460



173.1040, 16.2177, 71.8228



150.5770, -8.1725, 54.7450



100.0870, 1.4361, 6.0627



63.3270, 21.5308, 94.4292



15.9350, 5.4550, 23.7360

Inverse Universe

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



155.7070, 11.4834, 50.2460



173.1040, 16.2177, 71.8228



184.4230, 8.1725, -54.7450



100.0870, 1.4361, 6.0627



63.3270, 21.5308, 94.4292



15.9350, 5.4550, 23.7360

Previews

White Background



This preview shows how the YUV color 155.7070, 11.4834, 50.2460 looks on a white background.

Color Contrast Check

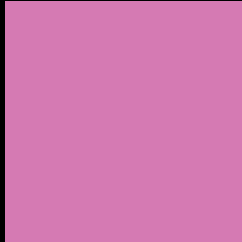
Large Text (above 18pt) WCAG AA × Fail

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 155.7070, 11.4834, 50.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

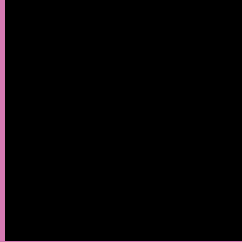
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.7070, 11.4834, 50.2460 Background



This preview shows how black text looks on a background with the YUV color 155.7070, 11.4834, 50.2460.



This preview shows how white text looks on a background with the YUV color 155.7070, 11.4834,

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

155.7070, 11.4834, 50.2460

Protanopia

152.8840, 22.7352, -12.1763

Deuteranopia

153.6550, 10.0301, 2.9336



Tritanopia

154.7610, -7.2772, 47.5676

Trichromacy



Original Color

155.7070, 11.4834, 50.2460



Protanomaly

153.7020, 18.8809, 10.7853



Deuteranomaly

154.5800, 10.5601, 19.6623



Tritanomaly

154.8950, -0.4412, 48.3271

Monochromacy



Original Color

155.7070, 11.4834, 50.2460



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

156.1470, 3.8715, 18.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7070, 11.4834, 50.2460 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(213, 122, 179)` looks like.

```
.text, #text, p{  
    color:rgb(213, 122, 179)  
}
```

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(213, 122, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 122, 179) }
```

Border

The CSS property to change the border of an element to YUV 155.7070, 11.4834, 50.2460 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(213, 122, 179) }
```


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

```
.border{ border-color:rgb(213, 122, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 122, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 122, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 122, 179);  
box-shadow:4px 4px 4px 4px rgb(213, 122,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 155.7070, 11.4834, 50.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 122, 179) }
```

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

```
.background{ background-color: rgb(213,  
122, 179) }
```

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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