

Converting Colors

YUV(155.5300, 3.1897, 50.4012)

Have a look what the booklet for
YUV(155.5300, 3.1897, 50.4012)
contains.

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Color

**YUV(155.5300, 3.1897,
50.4012)**

Conversions

Conversions Part 1

Format	Color
Hex	D57DA2
RGB	213, 125, 162
RGB Percent	84%, 49%, 64%
CMY	0.1647, 0.5098, 0.3647
CMYK	0.00, 0.41, 0.24, 0.16
HSL	335°, 51%, 66%
HSV	335°, 41%, 84%
XYZ	41.2958, 31.4220, 38.0709
YIQ	155.5300, 40.5710, 30.1630

Conversions

Conversions Part 2

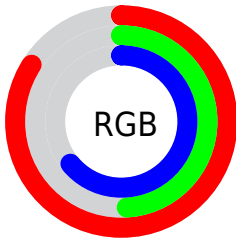
Format	Color
R _Y B	213, 125, 162
Decimal	13991330
CIE Lab	62.86, 38.77, -4.93
CIE LCh	63, 39.086, 352.755
Yxy	31.4220, 0.3727, 0.2836
Android (android.graphics.Color)	4292181410 (0xFFD57DA2)
YUV	155.5300, 3.1897, 50.4012
Hunter-Lab	56.0553, 33.4035, -1.0291

Details

The YUV color **155.5300, 3.1897, 50.4012** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **182.4700, -3.1897, -50.4012**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0560, 5.3954, 42.9239**, and **102.0350, 3.9267, 47.3273** is the 20% darker color. If you saturate the color by 10%, you get **141.8350, 4.0253, 62.4117**, and if you desaturate by 10%, it is **169.2250, 2.3541, 38.3907**.

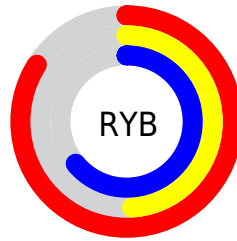
Distribution



Red (84%)

Green (49%)

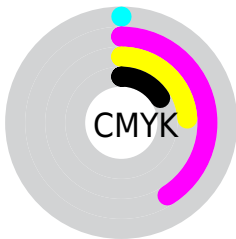
Blue (64%)



Red (84%)

Yellow (49%)

Blue (64%)

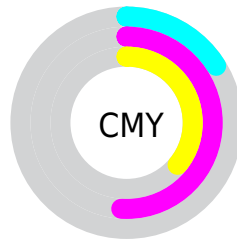


Cyan (0%)

Magenta (41%)

Yellow (24%)

Black (16%)



Cyan (16%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.5300, 3.1897, 50.4012 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 155.5300, 3.1897, 50.4012 by changing the saturation by 10% instead.

 155.5300, 3.1897,
50.4012

 155.5300, 3.1897,
50.4012


255.0000, 0.0000,
0.0000


 128.6330, 3.6319,
48.5569


 206.0560, 5.3954,
42.9239


 102.0350, 3.9267,
47.3273


 225.6840, 9.5228,
25.7101


 76.5510, 4.6584,
45.9978

 243.8470, 5.4984,
9.7812

 50.5940, 6.1162,
45.0831

 27.3980, 6.7058,
42.6240

 17.9420, 1.5076,
29.8689

 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,
0.0000

■ 155.5300, 3.1897,
50.4012

■ 155.5300, 3.1897,
50.4012

■ 141.8350, 4.0253,
62.4117

■ 169.2250, 2.3541,
38.3907

■ 127.4390, 4.7136,
75.0370

■ 183.6210, 1.6658,
25.7654

■ 113.7440, 5.5492,
87.0475

■ 197.3160, 0.8302,
13.7549

■ 100.0490, 6.3848,
99.0580

■ 211.0110, -0.0054,
1.7444

■ 85.6530, 7.0731,
111.6833

■ 225.4070, -0.6937,
-10.8809

■ 73.9470, 7.9141,
121.9495

■ 239.1020, -1.5293,
-22.8915

■ 241.6440, 3.1335,
-25.1208

■ 242.4420, 6.1911,
-25.8206

Harmonies

Analogous

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



156.2140, 19.1215, 26.9993



155.5300, 3.1897, 50.4012



153.9210, -13.2721, 57.0743

Triad

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



155.5300, 3.1897, 50.4012



146.5030, -29.8280, 0.4359



120.9260, 41.9415, -106.0521

Complementary

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



155.5300, 3.1897, 50.4012



182.4700, -3.1897, -50.4012

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.



120.0820, 28.5536, -105.3119



155.5300, 3.1897, 50.4012



141.8610, -16.2005, -30.5731

Square

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



155.5300, 3.1897, 50.4012



150.0550, -33.5511, 28.0158



132.1240, 4.8689, -68.5147



141.8600, 39.0160, -54.2512

Rectangle

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



155.5300, 3.1897, 50.4012



152.7820, -22.5705, 52.8112



132.1240, 4.8689, -68.5147



121.1880, 37.8683, -106.2819

Sweetspot

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



155.5300, 3.1897, 50.4012



234.7510, 1.1088, 17.7584



149.9820, 31.0679, 21.9408



116.1800, 0.4043, 10.3661



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.



155.5300, 3.1897, 50.4012



172.0150, 4.4296, 72.7778



154.8340, -14.7082, 51.0116



99.8590, 0.5625, 6.2627



59.3370, 6.2429, 97.9285



14.9090, 1.5239, 24.6358

Inverse Universe

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



155.5300, 3.1897, 50.4012



172.0150, 4.4296, 72.7778



183.1660, 14.7082, -51.0116



99.8590, 0.5625, 6.2627



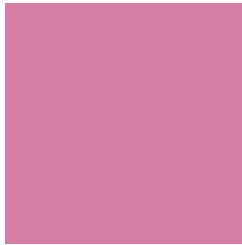
59.3370, 6.2429, 97.9285



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 155.5300, 3.1897, 50.4012 looks on a white background.

Color Contrast Check

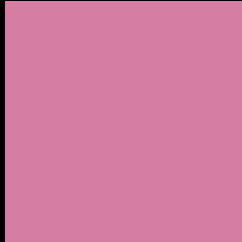
Large Text (above 18pt) WCAG AA × Fail

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 155.5300, 3.1897, 50.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

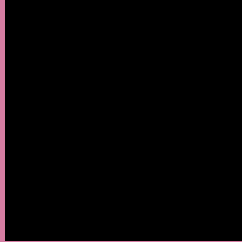
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.5300, 3.1897, 50.4012

Background



This preview shows how black text looks on a background with the YUV color 155.5300, 3.1897, 50.4012.



This preview shows how white text looks on a background with the YUV color 155.5300, 3.1897,

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

155.5300, 3.1897, 50.4012

Protanopia

152.9960, 12.8200, -5.2585

Deuteranopia

154.2230, 1.8621, 9.4514



Tritanopia

154.6580, -7.7194, 49.4119

Trichromacy



Original Color

155.5300, 3.1897, 50.4012

Protanomaly

154.2050, 9.2659, 14.7292

Deuteranomaly

154.7240, 2.1081, 23.9211

Tritanomaly

155.2820, -4.0830, 49.7417

Monochromacy



Original Color

155.5300, 3.1897, 50.4012

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.0500, 0.9614, 18.3732

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.5300, 3.1897, 50.4012 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, 125, 162)` looks like.

```
.text, #text, p{  
    color:rgb(213, 125, 162)  
}
```

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, 125, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 125, 162) }
```

Border

The CSS property to change the border of an element to YUV 155.5300, 3.1897, 50.4012 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, 125, 162) }
```


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

```
.border{ border-color:rgb(213, 125, 162) }
```

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

Here you see how a box with a 4 pixel rgb(213, 125, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 125, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 125, 162);  
box-shadow:4px 4px 4px 4px rgb(213, 125,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 155.5300, 3.1897, 50.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 125, 162) }
```

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

```
.background{ background-color: rgb(213,  
125, 162) }
```

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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