

Converting Colors

YUV(156.4810, 4.1999, 53.0752)

Have a look what the booklet for
YUV(156.4810, 4.1999, 53.0752)
contains.

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Color

**YUV(156.4810, 4.1999,
53.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	D97CA5
RGB	217, 124, 165
RGB Percent	85%, 49%, 65%
CMY	0.1490, 0.5137, 0.3529
CMYK	0.00, 0.43, 0.24, 0.15
HSL	334°, 55%, 67%
HSV	334°, 43%, 85%
XYZ	42.6145, 31.8836, 39.5054
YIQ	156.4810, 42.2670, 32.4670

Conversions

Conversions Part 2

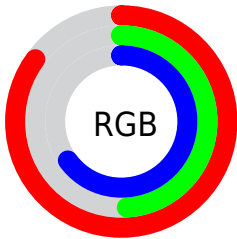
Format	Color
R _Y B	217, 124, 165
Decimal	14253221
CIE Lab	63.25, 41.11, -6.01
CIE LCh	63, 41.544, 351.675
Yxy	31.8836, 0.3738, 0.2797
Android (android.graphics.Color)	4292443301 (0xFFD97CA5)
YUV	156.4810, 4.1999, 53.0752
Hunter-Lab	56.4656, 35.8988, -1.9556

Details

The YUV color **156.4810, 4.1999, 53.0752** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **184.5190, -4.1999, -53.0752**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8110, 6.9952, 43.1388**, and **102.9860, 4.9369, 50.0013** is the 20% darker color. If you saturate the color by 10%, you get **142.1990, 5.3249, 65.6005**, and if you desaturate by 10%, it is **170.7630, 3.0748, 40.5498**.

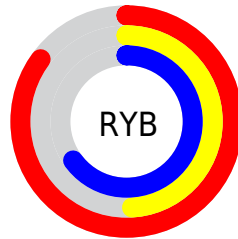
Distribution



Red (85%)

Green (49%)

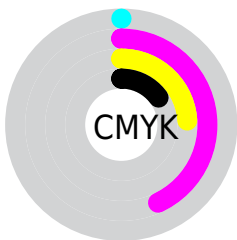
Blue (65%)



Red (85%)

Yellow (49%)

Blue (65%)

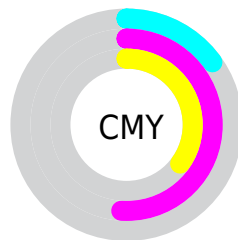


Cyan (0%)

Magenta (43%)

Yellow (24%)

Black (15%)



Cyan (15%)


Magenta (51%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.4810, 4.1999, 53.0752 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 156.4810, 4.1999, 53.0752 by changing the saturation by 10% instead.

 156.4810, 4.1999,
53.0752


 156.4810, 4.1999,
53.0752


255.0000, 0.0000,
0.0000


 129.5840, 4.6421,
51.2308

 205.8110, 6.9952,
43.1388


 102.9860, 4.9369,
50.0013


 225.4390, 11.1226,
25.9250

 77.2030, 5.8159,
48.0570

 243.2600, 5.7878,
10.2960

 49.9580, 7.4157,
48.2718

 28.5230, 7.1372,
44.2683

 18.7680, 2.0864,
30.8985

 7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,
0.0000

■ 156.4810, 4.1999,
53.0752

■ 156.4810, 4.1999,
53.0752

■ 142.1990, 5.3249,
65.6005

■ 170.7630, 3.0748,
40.5498

■ 128.5040, 6.1605,
77.6110

■ 184.4580, 2.2392,
28.5393

■ 114.2220, 7.2856,
90.1363

■ 198.7400, 1.1142,
16.0140

■ 99.8260, 7.9738,
102.7616

■ 213.1360, 0.4260,
3.3887

■ 85.5440, 9.0988,
115.2869

■ 227.4180, -0.6991,
-9.1366

■ 75.8270, 9.9453,
123.8087

■ 241.1130, -1.5347,
-21.1471

■ 243.0680, 3.4175,
-22.8616

■ 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



157.2680, 20.5739, 27.8290



156.4810, 4.1999, 53.0752



154.3560, -12.9935, 61.0778

Triad

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



156.4810, 4.1999, 53.0752



147.2320, -32.1594, 1.5505



122.5560, 43.1099, -107.4816

Complementary

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



156.4810, 4.1999, 53.0752



184.5190, -4.1999, -53.0752

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.



121.3700, 28.4116, -106.4415



156.4810, 4.1999, 53.0752



141.8070, -17.6529, -31.4027

Square

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



156.4810, 4.1999, 53.0752



150.6100, -35.3037, 30.1600



130.7920, 5.0325, -74.3626



140.3150, 42.2427, -62.5433

Rectangle

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



156.4810, 4.1999, 53.0752



153.2770, -23.3076, 55.8851



130.7920, 5.0325, -74.3626



122.7040, 38.5999, -107.6114

Sweetspot

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



156.4810, 4.1999, 53.0752



233.4630, 1.2507, 18.8879



149.8510, 33.1045, 22.0557



114.3050, 0.8356, 12.0105



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.



156.4810, 4.1999, 53.0752



170.3680, 5.7346, 74.2223



154.7420, -15.1558, 54.6003



102.8590, 0.5625, 6.2627



60.3910, 7.6952, 98.7581



16.0340, 1.9552, 26.2802

Inverse Universe

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



156.4810, 4.1999, 53.0752



170.3680, 5.7346, 74.2223



186.2580, 15.1558, -54.6003



102.8590, 0.5625, 6.2627



60.3910, 7.6952, 98.7581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 156.4810, 4.1999, 53.0752 looks on a white background.

Color Contrast Check

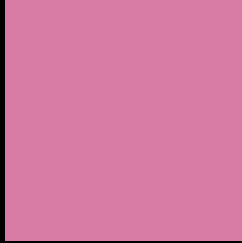
Large Text (above 18pt) WCAG AA × Fail

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 156.4810, 4.1999, 53.0752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

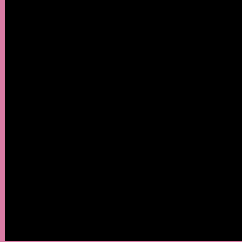
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.4810, 4.1999, 53.0752

Background



This preview shows how black text looks on a background with the YUV color 156.4810, 4.1999, 53.0752.



This preview shows how white text looks on a background with the YUV color 156.4810, 4.1999,

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

156.4810, 4.1999, 53.0752

Protanopia

154.0390, 14.2778, -6.1732

Deuteranopia

155.1520, 2.8831, 8.6367



Tritanopia

155.4410, -8.5984, 51.3562

Trichromacy



Original Color

156.4810, 4.1999, 53.0752

Protanomaly

154.8460, 10.4289, 15.0441

Deuteranomaly

155.6640, 3.1236, 24.8507

Tritanomaly

155.7060, -3.7991, 52.0008

Monochromacy



Original Color

156.4810, 4.1999, 53.0752

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8760, 1.5401, 19.4027

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.4810, 4.1999, 53.0752 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(217, 124, 165)` looks like.

```
.text, #text, p{  
    color:rgb(217, 124, 165)  
}
```

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(217, 124, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 124, 165) }
```

Border

The CSS property to change the border of an element to YUV 156.4810, 4.1999, 53.0752 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(217, 124, 165) }
```


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

```
.border{ border-color:rgb(217, 124, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 124, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 124, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 124, 165);  
box-shadow:4px 4px 4px 4px rgb(217, 124,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 156.4810, 4.1999, 53.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 124, 165) }
```

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

```
.background{ background-color: rgb(217,  
124, 165) }
```

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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