

Converting Colors

YUV(156.2710, 16.1354,
51.5053)

Have a look what the booklet for
YUV(156.2710, 16.1354, 51.5053)
contains.

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Color

**YUV(156.2710, 16.1354,
51.5053)**

Conversions

Conversions Part 1

Format	Color
Hex	D778BD
RGB	215, 120, 189
RGB Percent	84%, 47%, 74%
CMY	0.1569, 0.5294, 0.2588
CMYK	0.00, 0.44, 0.12, 0.16
HSL	316°, 54%, 66%
HSV	316°, 44%, 84%
XYZ	43.9261, 31.5541, 51.9195
YIQ	156.2710, 34.4710, 41.5990

Conversions

Conversions Part 2

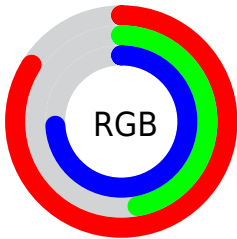
Format	Color
R _Y B	215, 120, 189
Decimal	14121149
CIE Lab	62.97, 46.17, -20.09
CIE LCh	63, 50.355, 336.486
Yxy	31.5541, 0.3448, 0.2477
Android (android.graphics.Color)	4292311229 (0xFFD778BD)
YUV	156.2710, 16.1354, 51.5053
Hunter-Lab	56.1731, 41.2802, -15.4793

Details

The YUV color **156.2710, 16.1354, 51.5053** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **178.7290, -16.1354, -51.5053**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.3130, 19.0727, 42.6985**, and **102.6620, 16.4356, 48.5314** is the 20% darker color. If you saturate the color by 10%, you get **143.2600, 19.5918, 62.9160**, and if you desaturate by 10%, it is **169.8690, 12.3896, 39.5799**.

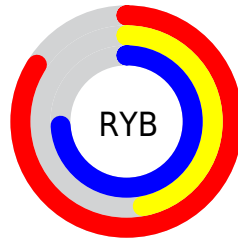
Distribution



Red (84%)

Green (47%)

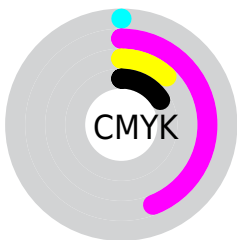
Blue (74%)



Red (84%)

Yellow (47%)

Blue (74%)

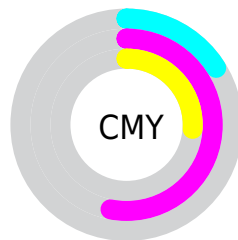


Cyan (0%)

Magenta (44%)

Yellow (12%)

Black (16%)



Cyan (16%)


Magenta (53%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.2710, 16.1354, 51.5053 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 156.2710, 16.1354, 51.5053 by changing the saturation by 10% instead.


 156.2710, 16.1354,
51.5053


 156.2710, 16.1354,
51.5053


255.0000, 0.0000,
0.0000


 129.2600, 16.1408,
49.7610


 206.3130, 19.0727,
42.6985


 102.6620, 16.4356,
48.5314

 224.4760, 15.0483,
26.7695

 75.7760, 16.8724,
48.4314

 240.9120, 6.9454,
12.3552

 45.5960, 19.9192,
51.2203

 30.3900, 15.5837,
41.7540

 20.7060, 9.5119,
29.1988

 9.5270, 4.1772,

13.5698

■ 0.0000, 0.0000,
0.0000

■ 156.2710, 16.1354,
51.5053

■ 156.2710, 16.1354,
51.5053

■ 143.2600, 19.5918,
62.9160

■ 169.8690, 12.3896,
39.5799

■ 129.6620, 23.3376,
74.8414

■ 182.8800, 8.9332,
28.1692

■ 116.0640, 27.0834,
86.7669

■ 196.4780, 5.1873,
16.2438

■ 103.0530, 30.5399,
98.1775

■ 209.4890, 1.7309,
4.8331

■ 89.5690, 34.7225,
110.0030

■ 222.9730, -2.4517,
-6.9923

■ 82.0690, 36.4480,
116.5805

■ 235.9840, -5.9081,
-18.4030

■ 240.1900, -5.0237,
-22.0916

■ 240.8740, -2.4029,
-22.6915

■ 241.5580, 0.2179,
-23.2914

Harmonies

Analogous

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



156.3010, 33.8686, 10.2600



156.2710, 16.1354, 51.5053



153.0120, -4.4429, 71.9035

Triad

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



156.2710, 16.1354, 51.5053



147.0680, -43.4175, 19.2344



124.8070, 39.0421, -109.4557

Complementary

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



156.2710, 16.1354, 51.5053



178.7290, -16.1354, -51.5053

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.



121.0790, 19.6811, -106.1863



156.2710, 16.1354, 51.5053



141.8120, -31.9523, -18.2521

Square

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



156.2710, 16.1354, 51.5053



149.8790, -39.8733, 49.2181



130.2200, -7.5035, -66.8449



124.7050, 53.8824, -109.3663

Rectangle

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



156.2710, 16.1354, 51.5053



151.7550, -18.1202, 72.1289



130.2200, -7.5035, -66.8449



123.9120, 33.0744, -108.6708

Sweetspot

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



156.2710, 16.1354, 51.5053



234.6030, 5.6187, 17.8882



138.3050, 37.8106, 5.8715



114.9890, 3.4564, 11.4106



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.



156.2710, 16.1354, 51.5053



171.5370, 22.9063, 73.1971



150.9130, -4.3941, 56.2043



100.2010, 1.8729, 5.9627



65.2650, 28.9564, 92.7296



16.3910, 7.2022, 23.3361

Inverse Universe

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



156.2710, 16.1354, 51.5053



171.5370, 22.9063, 73.1971



184.0870, 4.3941, -56.2043



100.2010, 1.8729, 5.9627



65.2650, 28.9564, 92.7296



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 156.2710, 16.1354, 51.5053 looks on a white background.

Color Contrast Check

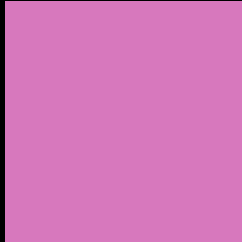
Large Text (above 18pt) WCAG AA × Fail

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 156.2710, 16.1354, 51.5053 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 156.2710, 16.1354, 51.5053

Background



This preview shows how black text looks on a background with the YUV color 156.2710, 16.1354, 51.5053.



This preview shows how white text looks on a background with the YUV color 156.2710, 16.1354,

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

156.2710, 16.1354, 51.5053

Protanopia

153.0560, 28.5664, -15.8351

Deuteranopia

153.8870, 14.8457, -1.6549



Tritanopia

154.7610, -7.2772, 47.5676

Trichromacy



Original Color

156.2710, 16.1354, 51.5053



Protanomaly

154.3580, 23.9805, 8.4560



Deuteranomaly

154.5350, 15.5122, 17.9478



Tritanomaly

155.0630, 1.4479, 49.0567

Monochromacy



Original Color

156.2710, 16.1354, 51.5053



Achromatopsia

156.0000, 0.0000, 0.0000



Achromatomaly

156.0160, 5.9081, 18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.2710, 16.1354, 51.5053 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(215, 120, 189)` looks like.

```
.text, #text, p{  
    color:rgb(215, 120, 189)  
}
```

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(215, 120, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 120, 189) }
```

Border

The CSS property to change the border of an element to YUV 156.2710, 16.1354, 51.5053 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(215, 120, 189) }
```


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

```
.border{ border-color:rgb(215, 120, 189) }
```

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

Here you see how a box with a 4 pixel rgb(215, 120, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 120, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 120, 189);  
box-shadow:4px 4px 4px 4px rgb(215, 120,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 156.2710, 16.1354, 51.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 120, 189) }
```

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

```
.background{ background-color: rgb(215,  
120, 189) }
```

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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