

Converting Colors

YUV(159.6010, 2.1687, 51.2159)

Have a look what the booklet for
YUV(159.6010, 2.1687, 51.2159)
contains.

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Color

**YUV(159.6010, 2.1687,
51.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	DA81A4
RGB	218, 129, 164
RGB Percent	85%, 51%, 64%
CMY	0.1451, 0.4941, 0.3569
CMYK	0.00, 0.41, 0.25, 0.15
HSL	336°, 55%, 68%
HSV	336°, 41%, 85%
XYZ	43.4645, 33.2863, 39.2560
YIQ	159.6010, 41.8090, 29.7530

Conversions

Conversions Part 2

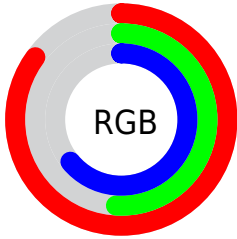
Format	Color
R_{YB}	218, 129, 164
Decimal	14320036
CIE _{Lab}	64.39, 38.70, -3.74
CIE _{LCh}	64, 38.877, 354.481
Yxy	33.2863, 0.3747, 0.2869
Android (android.graphics.Color)	4292510116 (0xFFDA81A4)
YUV	159.6010, 2.1687, 51.2159
Hunter-Lab	57.6943, 33.5098, 0.0442

Details

The YUV color **159.6010, 2.1687, 51.2159** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **187.3990, -2.1687, -51.2159**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6320, 5.1114, 40.6647**, and **106.1060, 2.9057, 48.1420** is the 20% darker color. If you saturate the color by 10%, you get **145.2050, 2.8569, 63.8412**, and if you desaturate by 10%, it is **173.9970, 1.4805, 38.5906**.

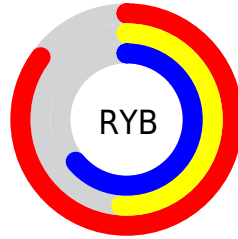
Distribution



Red (85%)

Green (51%)

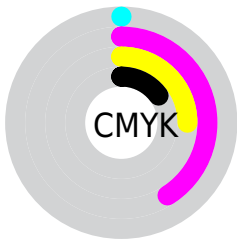
Blue (64%)



Red (85%)

Yellow (51%)

Blue (64%)

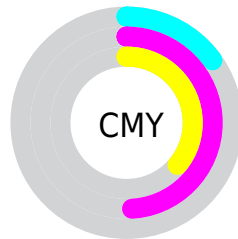


Cyan (0%)

Magenta (41%)

Yellow (25%)

Black (15%)



Cyan (15%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.6010, 2.1687, 51.2159 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 159.6010, 2.1687, 51.2159 by changing the saturation by 10% instead.

159.6010, 2.1687,
51.2159

159.6010, 2.1687,
51.2159

255.0000, 0.0000,
0.0000

132.7040, 2.6109,
49.3716

208.6320, 5.1114,
40.6647

106.1060, 2.9057,
48.1420

228.2600, 9.2388,
23.4510

80.3230, 3.7848,
46.1977

246.1950, 4.3409,
7.7220

54.6650, 5.0952,
45.8978

28.8220, 6.9898,
44.8831

18.9530, 1.5022,
31.6132

8.4860, -3.6906,

17.1138

■ 0.0000, 0.0000,
0.0000

■ 159.6010, 2.1687,
51.2159

■ 159.6010, 2.1687,
51.2159

■ 145.2050, 2.8569,
63.8412

■ 173.9970, 1.4805,
38.5906

■ 130.8090, 3.5452,
76.4665

■ 188.3930, 0.7923,
25.9653

■ 116.8860, 3.5072,
88.6770

■ 202.3160, 0.8302,
13.7549

■ 102.4900, 4.1954,
101.3023

■ 216.7120, 0.1420,
1.1296

■ 88.0940, 4.8837,
113.9276

■ 231.1080, -0.5462,
-11.4957

■ 74.9860, 5.4299,
125.4233

■ 242.5690, 0.2125,
-21.5470

■ 243.9370, 5.4541,
-22.7467

Harmonies

Analogous

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



160.8830, 17.8057, 29.0436



159.6010, 2.1687, 51.2159



157.6930, -14.1456, 57.2742

Triad

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



159.6010, 2.1687, 51.2159



150.6060, -29.3858, -1.4085



123.9580, 43.4047, -108.7112

Complementary

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



159.6010, 2.1687, 51.2159



187.3990, -2.1687, -51.2159

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.



123.1140, 30.0168, -107.9710



159.6010, 2.1687, 51.2159



145.4910, -15.0321, -32.0026

Square

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



159.6010, 2.1687, 51.2159



154.0440, -33.5457, 26.2714



136.0530, 5.8899, -69.3295



147.6540, 38.1316, -50.5626

Rectangle

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



159.6010, 2.1687, 51.2159



156.8420, -23.5861, 51.8816



136.0530, 5.8899, -69.3295



124.2200, 39.3315, -108.9409

Sweetspot

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



159.6010, 2.1687, 51.2159



234.6370, 0.6720, 17.8584



154.9930, 31.0625, 23.6851



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.



159.6010, 2.1687, 51.2159



172.9610, 2.9772, 71.9482



160.8940, -15.7237, 50.0820



102.7450, 0.1257, 6.3626



59.4790, 4.2009, 99.5579



15.8060, 1.0816, 26.4801

Inverse Universe

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



159.6010, 2.1687, 51.2159



172.9610, 2.9772, 71.9482



186.1060, 15.7237, -50.0820



102.7450, 0.1257, 6.3626



59.4790, 4.2009, 99.5579



15.8060, 1.0816, 26.4801

Previews

White Background



This preview shows how the YUV color 159.6010, 2.1687, 51.2159 looks on a white background.

Color Contrast Check

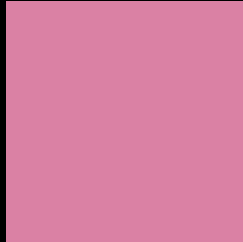
Large Text (above 18pt) WCAG AA × Fail

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 159.6010, 2.1687, 51.2159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

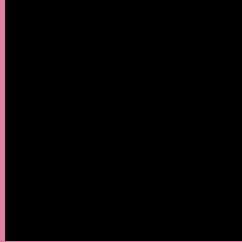
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.6010, 2.1687, 51.2159

Background



This preview shows how black text looks on a background with the YUV color 159.6010, 2.1687, 51.2159.



This preview shows how white text looks on a background with the YUV color 159.6010, 2.1687,

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

159.6010, 2.1687, 51.2159

Protanopia

156.9530, 11.3622, -4.3438

Deuteranopia

158.2940, 0.8411, 10.2662



Tritanopia

158.9570, -7.8668, 50.0267

Trichromacy



Original Color

159.6010, 2.1687, 51.2159

Protanomaly

158.1620, 7.8081, 15.6439

Deuteranomaly

158.7950, 1.0871, 24.7358

Tritanomaly

159.5810, -4.2304, 50.3565

Monochromacy



Original Color

159.6010, 2.1687, 51.2159

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9360, 0.5246, 18.4731

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6010, 2.1687, 51.2159 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(218, 129, 164)` looks like.

```
.text, #text, p{  
    color:rgb(218, 129, 164)  
}
```

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(218, 129, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 129, 164) }
```

Border

The CSS property to change the border of an element to YUV 159.6010, 2.1687, 51.2159 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(218, 129, 164) }
```


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

```
.border{ border-color:rgb(218, 129, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 129, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 129, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 129, 164);  
box-shadow:4px 4px 4px 4px rgb(218, 129,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 159.6010, 2.1687, 51.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 129, 164) }
```

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

```
.background{ background-color: rgb(218,  
129, 164) }
```

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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