

Converting Colors

YUV(154.6380, 6.0945, 52.0605)

Have a look what the booklet for
YUV(154.6380, 6.0945, 52.0605)
contains.

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Color

**YUV(154.6380, 6.0945,
52.0605)**

Conversions

Conversions Part 1

Format	Color
Hex	D67AA7
RGB	214, 122, 167
RGB Percent	84%, 48%, 65%
CMY	0.1608, 0.5216, 0.3451
CMYK	0.00, 0.43, 0.22, 0.16
HSL	331°, 53%, 66%
HSV	331°, 43%, 84%
XYZ	41.6661, 31.0052, 40.3478
YIQ	154.6380, 40.3870, 33.4990

Conversions

Conversions Part 2

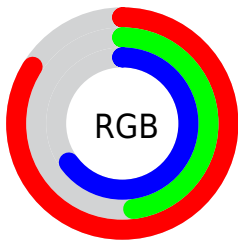
Format	Color
R_{YB}	214, 122, 167
Decimal	14056103
CIE _{Lab}	62.51, 41.41, -8.29
CIE _{LCh}	63, 42.233, 348.683
Yxy	31.0052, 0.3687, 0.2743
Android (android.graphics.Color)	4292246183 (0xFFD67AA7)
YUV	154.6380, 6.0945, 52.0605
Hunter-Lab	55.6823, 36.1244, -3.9843

Details

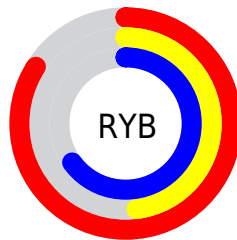
The YUV color **154.6380, 6.0945, 52.0605** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **181.3620, -6.0945, -52.0605**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8650, 8.4476, 43.9684**, and **101.1430, 6.8315, 48.9866** is the 20% darker color. If you saturate the color by 10%, you get **141.0570, 7.3669, 63.9710**, and if you desaturate by 10%, it is **168.2190, 4.8220, 40.1499**.

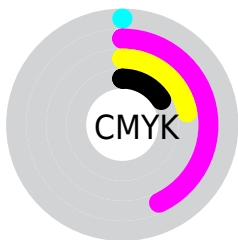
Distribution



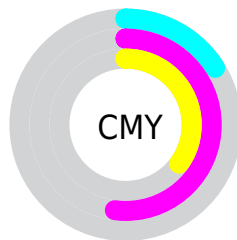
- Red (84%)
- Green (48%)
- Blue (65%)



- Red (84%)
- Yellow (48%)
- Blue (65%)



- Cyan (0%)
- Magenta (43%)
- Yellow (22%)
- Black (16%)





- Cyan (16%)
- Magenta (52%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 154.6380, 6.0945, 52.0605 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 154.6380, 6.0945, 52.0605 by changing the saturation by 10% instead.


 154.6380, 6.0945,
52.0605


 154.6380, 6.0945,
52.0605

255.0000, 0.0000,
0.0000

 127.7410, 6.5367,
50.2161

 204.8650, 8.4476,
43.9684


 101.1430, 6.8315,
48.9866

 224.6070, 13.0117,
26.6547

 75.6590, 7.5631,
47.6571

 242.0860, 6.3666,
11.3256

 47.8270, 9.4523,
48.3867

 28.1530, 8.3056,
42.8388

 18.6970, 3.1074,
30.0837

 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 154.6380, 6.0945,
52.0605

■ 154.6380, 6.0945,
52.0605

■ 141.0570, 7.3669,
63.9710

■ 168.2190, 4.8220,
40.1499

■ 126.8890, 8.9287,
76.3963

■ 182.3870, 3.2602,
27.7246

■ 113.3080, 10.2012,
88.3069

■ 195.9680, 1.9878,
15.8141

■ 99.1400, 11.7630,
100.7322

■ 210.1360, 0.4260,
3.3887

■ 85.5590, 13.0354,
112.6428

■ 223.7170, -0.8465,
-8.5218

■ 75.9560, 14.3187,
121.0646

■ 237.2980, -2.1189,
-20.4323

■ 241.4870, 1.2389,
-24.1061

■ 242.6270, 5.6069,
-25.1059

■ 242.7410, 6.0437,
-25.2059

Harmonies

Analogous

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



155.4140, 22.4739, 25.0699



154.6380, 6.0945, 52.0605



152.4100, -11.5411, 61.9074

Triad

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



154.6380, 6.0945, 52.0605



145.6130, -33.3332, 4.7244



121.5130, 41.6521, -106.5669

Complementary

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



154.6380, 6.0945, 52.0605



181.3620, -6.0945, -52.0605

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.



119.6260, 26.8064, -104.9120



154.6380, 6.0945, 52.0605



140.5470, -19.9897, -28.5437

Square

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



154.6380, 6.0945, 52.0605



149.2190, -35.6040, 33.1339



129.5320, 2.6957, -71.5036



134.7160, 44.0170, -71.6649

Rectangle

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



154.6380, 6.0945, 52.0605



151.8150, -22.5868, 58.0442



129.5320, 2.6957, -71.5036



121.6610, 37.1421, -106.6967

Sweetspot

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



154.6380, 6.0945, 52.0605



233.6910, 2.1243, 18.6880



146.2420, 33.4047, 19.0818



114.4190, 1.2724, 11.9105



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.



154.6380, 6.0945, 52.0605



169.1770, 8.7867, 75.2668



149.5080, -13.5614, 56.5595



99.9730, 0.9993, 6.1627



60.7050, 11.4844, 96.7287



15.2510, 2.8343, 24.3359

Inverse Universe

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



154.6380, 6.0945, 52.0605



169.1770, 8.7867, 75.2668



186.4920, 13.5614, -56.5595



99.9730, 0.9993, 6.1627



60.7050, 11.4844, 96.7287



15.2510, 2.8343, 24.3359

Previews

White Background



This preview shows how the YUV color 154.6380, 6.0945, 52.0605 looks on a white background.

Color Contrast Check

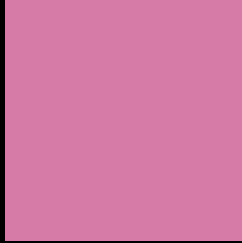
Large Text (above 18pt) WCAG AA × Fail

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 154.6380, 6.0945, 52.0605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

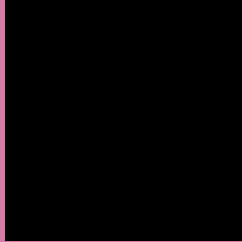
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.6380, 6.0945, 52.0605

Background



This preview shows how black text looks on a background with the YUV color 154.6380, 6.0945, 52.0605.



This preview shows how white text looks on a background with the YUV color 154.6380, 6.0945,

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

154.6380, 6.0945, 52.0605

Protanopia

152.1960, 16.1724, -7.1879

Deuteranopia

153.0100, 4.9251, 7.0072



Tritanopia

153.8430, -8.3036, 50.1267

Trichromacy



Original Color

154.6380, 6.0945, 52.0605



Protanomaly

153.0030, 12.3235, 14.0294



Deuteranomaly

153.5220, 5.1657, 23.2212



Tritanomaly

154.2220, -3.0674, 50.6713

Monochromacy



Original Color

154.6380, 6.0945, 52.0605



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.6910, 2.1243, 18.6880

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.6380, 6.0945, 52.0605 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(214, 122, 167)` looks like.

```
.text, #text, p{  
    color:rgb(214, 122, 167)  
}
```

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(214, 122, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 122, 167) }
```

Border

The CSS property to change the border of an element to YUV 154.6380, 6.0945, 52.0605 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(214, 122, 167) }
```


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

```
.border{ border-color:rgb(214, 122, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 122, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 122, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 122, 167);  
box-shadow:4px 4px 4px 4px rgb(214, 122,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 154.6380, 6.0945, 52.0605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 122, 167) }
```

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

```
.background{ background-color: rgb(214,  
122, 167) }
```

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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