

Converting Colors

YUV(154.9250, 10.8830,
56.1938)

Have a look what the booklet for
YUV(154.9250, 10.8830, 56.1938)
contains.

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Color

**YUV(154.9250, 10.8830,
56.1938)**

Conversions

Conversions Part 1

Format	Color
Hex	DB76B1
RGB	219, 118, 177
RGB Percent	86%, 46%, 69%
CMY	0.1412, 0.5373, 0.3059
CMYK	0.00, 0.46, 0.19, 0.14
HSL	325°, 58%, 66%
HSV	325°, 46%, 86%
XYZ	43.6277, 31.1913, 45.3161
YIQ	154.9250, 41.2570, 39.7610

Conversions

Conversions Part 2

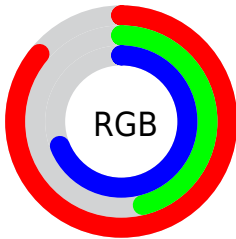
Format	Color
R _{YB}	219, 118, 177
Decimal	14382769
CIE _{Lab}	62.67, 46.61, -13.69
CIE _{LCh}	63, 48.574, 343.633
Yxy	31.1913, 0.3632, 0.2596
Android (android.graphics.Color)	4292572849 (0xFFDB76B1)
YUV	154.9250, 10.8830, 56.1938
Hunter-Lab	55.8491, 41.7028, -9.0136

Details

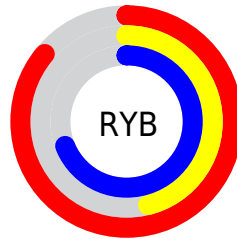
The YUV color **154.9250, 10.8830, 56.1938** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **182.0750, -10.8830, -56.1938**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3580, 14.1205, 44.4130**, and **100.7290, 11.4726, 53.7347** is the 20% darker color. If you saturate the color by 10%, you get **140.9850, 13.3184, 68.4192**, and if you desaturate by 10%, it is **168.8650, 8.4476, 43.9684**.

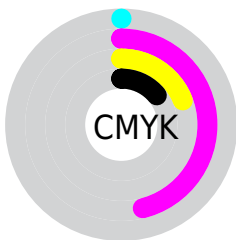
Distribution



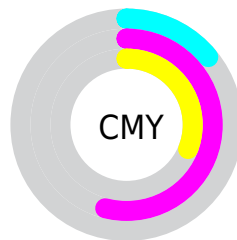
- Red (86%)
- Green (46%)
- Blue (69%)



- Red (86%)
- Yellow (46%)
- Blue (69%)



- Cyan (0%)
- Magenta (46%)
- Yellow (19%)
- Black (14%)



- Cyan (14%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9250, 10.8830, 56.1938 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 154.9250, 10.8830, 56.1938 by changing the saturation by 10% instead.

154.9250, 10.8830,
56.1938

154.9250, 10.8830,
56.1938

255.0000, 0.0000,
0.0000

127.9140, 10.8884,
54.4494

204.3580, 14.1205,
44.4130

100.7290, 11.4726,
53.7347

223.3020, 15.6271,
27.7991

73.6580, 12.4936,
52.9199

239.7380, 7.5242,
13.3848

42.3040, 16.1191,
56.7384

29.9620, 11.3577,
43.8833

20.3920, 5.7227,
31.2282

8.7140, -2.8170,

16.9138

■ 0.0000, 0.0000,
0.0000

■ 154.9250, 10.8830,
56.1938

■ 154.9250, 10.8830,
56.1938

■ 140.9850, 13.3184,
68.4192

■ 168.8650, 8.4476,
43.9684

■ 127.0450, 15.7538,
80.6445

■ 182.8050, 6.0121,
31.7430

■ 113.1050, 18.1892,
92.8699


■ 196.7450, 3.5767,
19.5176

■ 99.1650, 20.6247,
105.0953

■ 210.6850, 1.1413,
7.2923

■ 85.6980, 22.3339,
116.9059


■ 224.7390, -0.8573,
-5.0331

 80.0730, 23.6280,
121.8390

 238.0920, -3.0034,
-16.7437

 242.6400, -0.8085,
-20.7323

 243.6660, 3.1227,
-21.6321

 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



155.7000, 28.7419, 21.3111



154.9250, 10.8830, 56.1938



152.3340, -9.5317, 70.7441

Triad

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



154.9250, 10.8830, 56.1938



145.5230, -40.1908, 10.9423



124.3170, 42.2417, -109.0260

Complementary

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



154.9250, 10.8830, 56.1938



182.0750, -10.8830, -56.1938

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.



121.0450, 24.6278, -106.1565



154.9250, 10.8830, 56.1938



140.2500, -26.2523, -26.5293

Square

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



154.9250, 10.8830, 56.1938



149.0090, -40.4304, 41.2111



124.5970, 0.6917, -82.0846



122.3570, 55.0400, -107.3071

Rectangle

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



154.9250, 10.8830, 56.1938



151.5820, -22.4719, 67.8956



124.5970, 0.6917, -82.0846



123.5360, 36.7108, -108.3411

Sweetspot

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



154.9250, 10.8830, 56.1938



232.1580, 3.8661, 20.0324



141.4740, 38.2203, 14.4933



113.9460, 1.9986, 12.3254



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.



154.9250, 10.8830, 56.1938



166.2080, 15.1805, 77.8706



149.3390, -10.5201, 61.0927



102.9730, 0.9993, 6.1627



63.2410, 18.6152, 96.2586



16.8320, 5.0128, 25.5803

Inverse Universe

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



154.9250, 10.8830, 56.1938



166.2080, 15.1805, 77.8706



187.6610, 10.5201, -61.0927



102.9730, 0.9993, 6.1627



63.2410, 18.6152, 96.2586



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 154.9250, 10.8830, 56.1938 looks on a white background.

Color Contrast Check

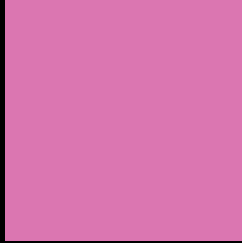
Large Text (above 18pt) WCAG AA × Fail

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 154.9250, 10.8830, 56.1938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

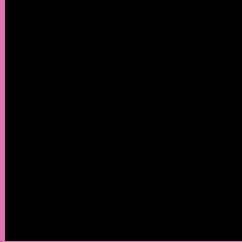
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.9250, 10.8830, 56.1938

Background



This preview shows how black text looks on a background with the YUV color 154.9250, 10.8830, 56.1938.



This preview shows how white text looks on a background with the YUV color 154.9250, 10.8830,

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

154.9250, 10.8830, 56.1938

Protanopia

152.2970, 23.0246, -11.6615

Deuteranopia

153.4270, 9.1565, 3.1335



Tritanopia

153.7510, -8.7512, 53.7154

Trichromacy



Original Color

154.9250, 10.8830, 56.1938



Protanomaly

153.0120, 18.7281, 13.1445



Deuteranomaly

154.0750, 9.8230, 22.7362



Tritanomaly

153.9990, -1.4785, 54.3749

Monochromacy



Original Color

154.9250, 10.8830, 56.1938



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

155.1580, 3.8661, 20.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9250, 10.8830, 56.1938 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(219, 118, 177)` looks like.

```
.text, #text, p{  
    color:rgb(219, 118, 177)  
}
```

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(219, 118, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 118, 177) }
```

Border

The CSS property to change the border of an element to YUV 154.9250, 10.8830, 56.1938 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(219, 118, 177) }
```


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

```
.border{ border-color:rgb(219, 118, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 118, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 118, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 118, 177);  
box-shadow:4px 4px 4px 4px rgb(219, 118,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 154.9250, 10.8830, 56.1938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 118, 177) }
```

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

```
.background{ background-color: rgb(219,  
118, 177) }
```

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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