

Converting Colors

YUV(148.5310, 38.6852,
52.1543)

Have a look what the booklet for
YUV(148.5310, 38.6852, 52.1543)
contains.

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Color

**YUV(148.5310, 38.6852,
52.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	D067E3
RGB	208, 103, 227
RGB Percent	82%, 40%, 89%
CMY	0.1843, 0.5961, 0.1098
CMYK	0.08, 0.55, 0.00, 0.11
HSL	291°, 69%, 65%
HSV	291°, 55%, 89%
XYZ	44.7278, 28.6564, 75.8469
YIQ	148.5310, 22.7760, 60.8240

Conversions

Conversions Part 2

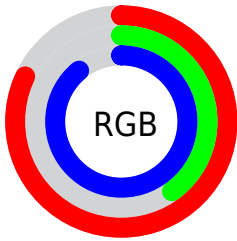
Format	Color
R _Y B	208, 103, 227
Decimal	13658083
CIE Lab	60.48, 59.27, -45.43
CIE LCh	60, 74.679, 322.526
Yxy	28.6564, 0.2997, 0.1920
Android (android.graphics.Color)	4291848163 (0xFFD067E3)
YUV	148.5310, 38.6852, 52.1543
Hunter-Lab	53.5317, 55.4631, -46.5334

Details

The YUV color **148.5310, 38.6852, 52.1543** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **181.4690, -38.6852, -52.1543**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0610, 28.0709, 49.9355**, and **92.2320, 38.8326, 51.5395** is the 20% darker color. If you saturate the color by 10%, you get **134.1330, 45.7834, 62.1504**, and if you desaturate by 10%, it is **162.9290, 31.5870, 42.1583**.

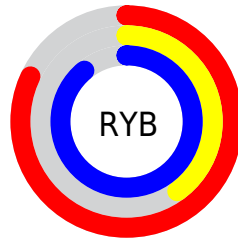
Distribution



Red (82%)

Green (40%)

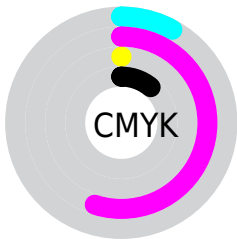
Blue (89%)



Red (82%)

Yellow (40%)

Blue (89%)

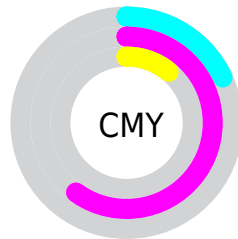


Cyan (8%)

Magenta (55%)

Yellow (0%)

Black (11%)



Cyan (18%)


Magenta (60%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.5310, 38.6852, 52.1543 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 148.5310, 38.6852, 52.1543 by changing the saturation by 10% instead.


 148.5310, 38.6852,
52.1543

 148.5310, 38.6852,
52.1543


255.0000, 0.0000,
0.0000


 120.8190, 38.5432,
51.0247


 198.0610, 28.0709,
49.9355

 92.2320, 38.8326,
51.5395


 214.4970, 19.9680,
35.5211


 59.0630, 41.8739,
56.0727

 231.5200, 11.5756,
20.5920

 42.1560, 37.3911,
47.2212

 248.5430, 3.1833,
5.6628

 31.2330, 30.4511,
33.1217

 21.3210, 23.5057,
20.7665

 7.2230, 18.6241,

-0.1956

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 148.5310, 38.6852,
52.1543

■ 148.5310, 38.6852,
52.1543

■ 134.1330, 45.7834,
62.1504

■ 162.9290, 31.5870,
42.1583

■ 120.0230, 52.7397,
71.0168

■ 177.0390, 24.6308,
33.2918

■ 105.6250, 59.8379,
81.0129

■ 191.4370, 17.5326,
23.2958

■ 90.9280, 67.0835,
90.3941

■ 206.1340, 10.2869,
13.9145

83.2860, 70.8510,
95.3422

220.5320, 3.1887,
3.9184

234.6420, -3.7675,
-4.9480

244.9310, -8.8400,
-11.3405

246.1270, -9.4296,
-8.8814

247.0240, -9.8718,
-7.0370

Harmonies

Analogous

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



140.5960, 56.4012, -30.3407



148.5310, 38.6852, 52.1543



138.1940, 13.2154, 101.5619

Triad

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



148.5310, 38.6852, 52.1543



136.9300, -67.5065, 45.6654



124.9550, 34.5322, -109.5855

Complementary

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



148.5310, 38.6852, 52.1543



181.4690, -38.6852, -52.1543

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.



116.6160, 5.1193, -102.2722



148.5310, 38.6852, 52.1543



130.4310, -64.3025, -2.1320

Square

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



148.5310, 38.6852, 52.1543



137.8790, -49.7333, 85.1751



108.5060, -24.8995, -87.2668



128.8770, 59.7136, -113.0251

Rectangle

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



148.5310, 38.6852, 52.1543



132.8900, -5.8618, 107.0905



108.5060, -24.8995, -87.2668



122.4470, 24.9226, -107.3860

Sweetspot

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



148.5310, 38.6852, 52.1543



229.1390, 12.7495, 17.4181



129.4630, 48.0857, -23.2081



112.1290, 7.8244, 10.4109



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.



148.5310, 38.6852, 52.1543



148.6100, 52.4503, 70.5020



149.5380, 17.9758, 67.9342



107.3580, 3.7675, 4.9480



65.5550, 55.9284, 74.9353



18.6710, 15.9382, 21.3365

Inverse Universe

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



142.2420, -9.9793, 74.3328



140.0820, -13.8444, 100.7831



180.4620, -17.9758, -67.9342



106.8160, -0.8953, 7.1774



56.5990, -14.5923, 107.3457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 148.5310, 38.6852, 52.1543 looks on a white background.

Color Contrast Check

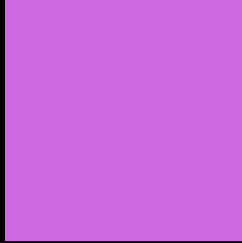
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.5310, 38.6852, 52.1543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

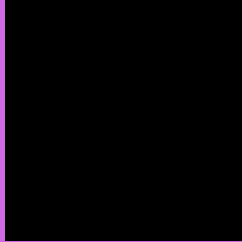
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.5310, 38.6852, 52.1543

Background



This preview shows how black text looks on a background with the YUV color 148.5310, 38.6852, 52.1543.



This preview shows how white text looks on a background with the YUV color 148.5310, 38.6852,

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

148.5310, 38.6852, 52.1543

Protanopia

141.4160, 55.9969, -40.7068

Deuteranopia

143.5690, 37.1875, -27.6860



Tritanopia

148.6570, -6.2399, 41.5198

Trichromacy



Original Color

148.5310, 38.6852, 52.1543



Protanomaly

143.7300, 49.9261, -6.7792



Deuteranomaly

145.5710, 37.6795, 1.2532



Tritanomaly

148.3320, 10.1893, 45.3128

Monochromacy



Original Color

148.5310, 38.6852, 52.1543



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.4920, 14.0544, 18.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.5310, 38.6852, 52.1543 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(208, 103, 227)` looks like.

```
.text, #text, p{  
    color:rgb(208, 103, 227)  
}
```

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(208, 103, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 103, 227) }
```

Border

The CSS property to change the border of an element to YUV 148.5310, 38.6852, 52.1543 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(208, 103, 227) }
```


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

```
.border{ border-color:rgb(208, 103, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 103, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 103, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 103, 227);  
box-shadow:4px 4px 4px 4px rgb(208, 103,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 148.5310, 38.6852, 52.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 103, 227) }
```

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

```
.background{ background-color: rgb(208,  
103, 227) }
```

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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