

Converting Colors

YUV(158.1040, 29.5287,
49.0208)

Have a look what the booklet for
YUV(158.1040, 29.5287, 49.0208)
contains.

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Color

**YUV(158.1040, 29.5287,
49.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	D676DA
RGB	214, 118, 218
RGB Percent	84%, 46%, 85%
CMY	0.1608, 0.5373, 0.1451
CMYK	0.02, 0.46, 0.00, 0.15
HSL	298°, 57%, 66%
HSV	298°, 46%, 85%
XYZ	46.8649, 32.3150, 70.0970
YIQ	158.1040, 25.1160, 51.4520

Conversions

Conversions Part 2

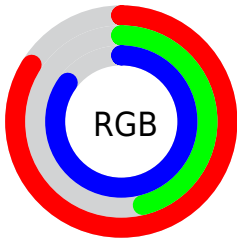
Format	Color
RYB	214, 118, 218
Decimal	14055130
CIELab	63.60, 51.89, -35.45
CIElCh	64, 62.846, 325.664
Yxy	32.3150, 0.3139, 0.2165
Android (android.graphics.Color)	4292245210 (0xFFD676DA)
YUV	158.1040, 29.5287, 49.0208
Hunter-Lab	56.8463, 47.6771, -33.3180

Details

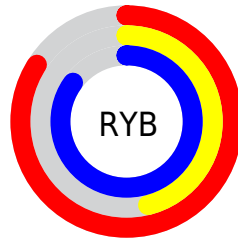
The YUV color **158.1040, 29.5287, 49.0208** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **177.8960, -29.5287, -49.0208**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8660, 23.7301, 42.2135**, and **103.6800, 29.2448, 46.7616** is the 20% darker color. If you saturate the color by 10%, you get **144.8910, 36.0427, 59.7316**, and if you desaturate by 10%, it is **171.3170, 23.0147, 38.3100**.

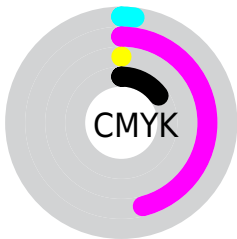
Distribution



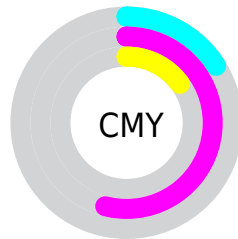
- Red (84%)
- Green (46%)
- Blue (85%)



- Red (84%)
- Yellow (46%)
- Blue (85%)



- Cyan (2%)
- Magenta (46%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (54%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.1040, 29.5287, 49.0208 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 158.1040, 29.5287, 49.0208 by changing the saturation by 10% instead.

158.1040, 29.5287,
49.0208

158.1040, 29.5287,
49.0208

255.0000, 0.0000,
0.0000

130.3920, 29.3867,
47.8912

206.8660, 23.7301,
42.2135

103.6800, 29.2448,
46.7616

223.3020, 15.6271,
27.7991

76.0930, 29.5342,
47.2764

240.3250, 7.2348,
12.8700

43.3370, 32.8649,
52.3245

32.5280, 26.3617,
38.1249

22.6160, 19.4163,
25.7698

11.9210, 13.3499,

11.4703

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 158.1040, 29.5287,
49.0208

■ 158.1040, 29.5287,
49.0208

■ 144.8910, 36.0427,
59.7316

■ 171.3170, 23.0147,
38.3100

■ 131.6780, 42.5567,
70.4424

■ 184.5300, 16.5007,
27.5992

■ 119.0520, 48.7814,
80.6384

■ 197.1560, 10.2761,
17.4032

■ 106.1380, 55.1480,
91.9640

■ 210.0700, 3.9095,
6.0776

■ 92.9250, 61.6620,
102.6748

■ 223.2830, -2.6045,
-4.6332

■ 87.3430, 64.4139,
106.6932

■ 236.4960, -9.1185,
-15.3440

■ 240.3170,
-11.0023, -17.8180

■ 240.6160,
-11.1497, -17.2032

■ 240.9150,
-11.2971, -16.5885

Harmonies

Analogous

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



154.5720, 49.5110, -13.6566



158.1040, 29.5287, 49.0208



152.8470, 5.9914, 85.2032

Triad

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



158.1040, 29.5287, 49.0208



147.4650, -58.8962, 37.3032



128.5740, 35.7060, -112.7594

Complementary

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



158.1040, 29.5287, 49.0208



177.8960, -29.5287, -49.0208

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.



122.0760, 10.8085, -107.0607



158.1040, 29.5287, 49.0208



142.3070, -49.4514, -5.5312

Square

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



158.1040, 29.5287, 49.0208



149.9850, -43.8696, 71.0502



129.6860, -21.0442, -63.7456



130.7690, 56.8089, -114.6844

Rectangle

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



158.1040, 29.5287, 49.0208



150.5970, -11.6333, 91.5614



129.6860, -21.0442, -63.7456



127.1090, 27.5543, -111.4746

Sweetspot

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



158.1040, 29.5287, 49.0208



233.5690, 10.5655, 17.9180



132.3350, 42.2328, -12.5718



114.7870, 6.5140, 10.7108



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.



158.1040, 29.5287, 49.0208



171.0260, 41.3992, 68.3832



154.1700, 9.2832, 55.9789



103.2440, 3.3307, 5.0480



69.3560, 51.0965, 84.7568



18.4000, 13.6068, 22.4512

Inverse Universe

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



148.3560, -12.9935, 61.0778



157.4300, -18.4530, 85.5689



181.8300, -9.2832, -55.9789



102.2890, -1.6215, 6.7625



52.5250, -22.4438, 105.6566



13.9820, -5.9071, 28.0798

Previews

White Background



This preview shows how the YUV color 158.1040, 29.5287, 49.0208 looks on a white background.

Color Contrast Check

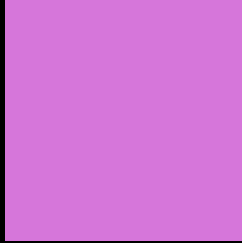
Large Text (above 18pt) WCAG AA × Fail

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 158.1040, 29.5287, 49.0208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

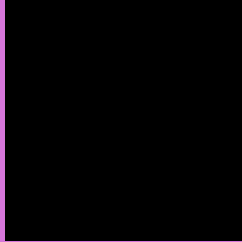
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.1040, 29.5287, 49.0208

Background



This preview shows how black text looks on a background with the YUV color 158.1040, 29.5287, 49.0208.



This preview shows how white text looks on a background with the YUV color 158.1040, 29.5287, 49.0208.

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

158.1040, 29.5287, 49.0208

Protanopia

152.2620, 46.2128, -29.1708

Deuteranopia

154.0560, 28.5664, -15.8351



Tritanopia

157.0700, -5.9505, 42.0346

Trichromacy



Original Color

158.1040, 29.5287, 49.0208



Protanomaly

154.5430, 40.1583, -0.4762



Deuteranomaly

155.6120, 28.7853, 7.3563



Tritanomaly

157.5230, 7.1372, 44.2683

Monochromacy



Original Color

158.1040, 29.5287, 49.0208



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.6830, 11.0023, 17.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1040, 29.5287, 49.0208 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, 118, 218)` looks like.

```
.text, #text, p{  
    color:rgb(214, 118, 218)  
}
```

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, 118, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 118, 218) }
```

Border

The CSS property to change the border of an element to YUV 158.1040, 29.5287, 49.0208 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, 118, 218) }
```


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

```
.border{ border-color:rgb(214, 118, 218) }
```

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

Here you see how a box with a 4 pixel rgb(214, 118, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 118, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 118, 218);  
box-shadow:4px 4px 4px 4px rgb(214, 118,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 158.1040, 29.5287, 49.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 118, 218) }
```

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

```
.background{ background-color: rgb(214,  
118, 218) }
```

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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