

Converting Colors

YUV(168.2050, 19.6189,
54.1942)

Have a look what the booklet for
YUV(168.2050, 19.6189, 54.1942)
contains.

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Color

**YUV(168.2050, 19.6189,
54.1942)**

Conversions

Conversions Part 1

Format	Color
Hex	E681D0
RGB	230, 129, 208
RGB Percent	90%, 51%, 82%
CMY	0.0980, 0.4941, 0.1843
CMYK	0.00, 0.44, 0.10, 0.10
HSL	313°, 67%, 70%
HSV	313°, 44%, 90%
XYZ	51.8686, 37.0776, 64.0974
YIQ	168.2050, 34.8370, 45.9810

Conversions

Conversions Part 2

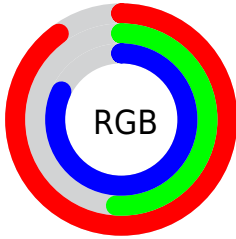
Format	Color
R _Y B	230, 129, 208
Decimal	15106512
CIE Lab	67.34, 49.39, -23.94
CIE LCh	67, 54.886, 334.142
Yxy	37.0776, 0.3389, 0.2423
Android (android.graphics.Color)	4293296592 (0xFFE681D0)
YUV	168.2050, 19.6189, 54.1942
Hunter-Lab	60.8914, 45.4902, -19.7878

Details

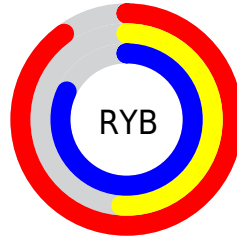
The YUV color **168.2050, 19.6189, 54.1942** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **190.7950, -19.6189, -54.1942**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3230, 20.5468, 36.5507**, and **113.7810, 19.3350, 51.9351** is the 20% darker color. If you saturate the color by 10%, you get **154.1340, 24.0909, 66.5345**, and if you desaturate by 10%, it is **182.2760, 15.1469, 41.8539**.

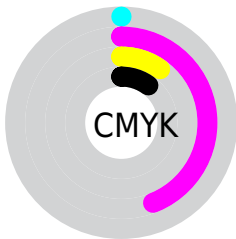
Distribution



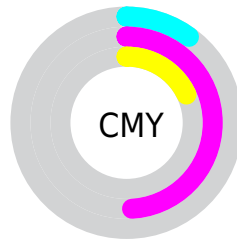
- Red (90%)
- Green (51%)
- Blue (82%)



- Red (90%)
- Yellow (51%)
- Blue (82%)



- Cyan (0%)
- Magenta (44%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (49%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2050, 19.6189, 54.1942 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 168.2050, 19.6189, 54.1942 by changing the saturation by 10% instead.

168.2050, 19.6189,
54.1942

168.2050, 19.6189,
54.1942

255.0000, 0.0000,
0.0000

140.4930, 19.4770,
53.0646

213.3230, 20.5468,
36.5507

113.7810, 19.3350,
51.9351

230.3460, 12.1544,
21.6216

86.5960, 19.9192,
51.2203

247.3690, 3.7621,
6.6924

57.1770, 22.0977,
52.4648

36.1010, 20.6562,
48.1464

25.7050, 14.4424,
34.4617

16.3200, 8.2232,

22.5214

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 168.2050, 19.6189,
54.1942

■ 168.2050, 19.6189,
54.1942

■ 154.1340, 24.0909,
66.5345

■ 182.2760, 15.1469,
41.8539

■ 140.0630, 28.5629,
78.8747

■ 196.3470, 10.6749,
29.5137

■ 125.9920, 33.0349,
91.2150

■ 210.4180, 6.2029,
17.1734

■ 111.9210, 37.5069,
103.5553

■ 224.4890, 1.7309,
4.8331

■ 97.8500, 41.9790,
115.8956

■ 238.5600, -2.7411,
-7.5071

■ 89.2900, 44.7200,
123.4027

■ 245.5870, -3.7404,
-13.6698

■ 246.1570, -1.5564,
-14.1697

■ 246.7270, 0.6276,
-14.6696

■ 247.2970, 2.8116,
-15.1695

Harmonies

Analogous

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



167.5440, 38.6788, 7.4159



168.2050, 19.6189, 54.1942



164.5120, -2.7174, 78.4810

Triad

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



168.2050, 19.6189, 54.1942



158.4230, -48.5225, 23.3080



134.6210, 41.1058, -118.0626

Complementary

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



168.2050, 19.6189, 54.1942



190.7950, -19.6189, -54.1942

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.



129.6220, 19.4134, -113.6785



168.2050, 19.6189, 54.1942



152.8570, -36.9045, -16.5376

Square

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



168.2050, 19.6189, 54.1942



161.7120, -43.2420, 56.3806



140.4000, -10.5502, -69.6338



134.3880, 57.9827, -117.8583

Rectangle

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



168.2050, 19.6189, 54.1942



163.3970, -18.4367, 80.3358



140.4000, -10.5502, -69.6338



133.4980, 34.2645, -117.0777

Sweetspot

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



168.2050, 19.6189, 54.1942



234.8310, 6.4923, 17.6882



147.0920, 40.8736, 3.4273



115.1030, 3.8932, 11.3107



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.



168.2050, 19.6189, 54.1942



172.4490, 26.4006, 72.3972



162.5050, -2.2210, 59.1931



107.6140, 2.1623, 6.4775



69.4810, 34.7659, 96.0482



19.8090, 9.9542, 27.3545

Inverse Universe

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



168.2050, 19.6189, 54.1942



172.4490, 26.4006, 72.3972



196.4950, 2.2210, -59.1931



107.6140, 2.1623, 6.4775



69.4810, 34.7659, 96.0482



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 168.2050, 19.6189, 54.1942 looks on a white background.

Color Contrast Check

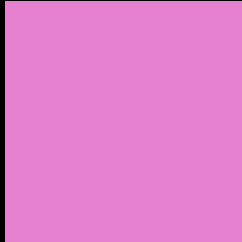
Large Text (above 18pt) WCAG AA × Fail

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 168.2050, 19.6189, 54.1942 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 168.2050, 19.6189, 54.1942 Background



This preview shows how black text looks on a background with the YUV color 168.2050, 19.6189, 54.1942.



This preview shows how white text looks on a background with the YUV color 168.2050, 19.6189,

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

168.2050, 19.6189, 54.1942

Protanopia

164.1140, 33.9608, -19.3940

Deuteranopia

165.6740, 17.9087, -4.0991



Tritanopia

166.6580, -7.7194, 49.4119

Trichromacy



Original Color

168.2050, 19.6189, 54.1942



Protanomaly

165.6120, 28.7853, 7.3563



Deuteranomaly

166.3330, 18.5698, 17.2480



Tritanomaly

167.6010, 2.1687, 51.2159

Monochromacy



Original Color

168.2050, 19.6189, 54.1942



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.3690, 7.2131, 19.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2050, 19.6189, 54.1942 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(230, 129, 208)` looks like.

```
.text, #text, p{  
    color:rgb(230, 129, 208)  
}
```

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(230, 129, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 129, 208) }
```

Border

The CSS property to change the border of an element to YUV 168.2050, 19.6189, 54.1942 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(230, 129, 208) }
```


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

```
.border{ border-color:rgb(230, 129, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 129, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 129, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 129, 208); box-shadow:4px 4px 4px 4px rgb(230, 129, 208) }
```

Background

The CSS property to change the background color of an element to YUV 168.2050, 19.6189, 54.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 129, 208) }
```

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

```
.background{ background-color: rgb(230,  
129, 208) }
```

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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