

Converting Colors

YUV(182.7350, 29.2176,
55.4834)

Have a look what the booklet for
YUV(182.7350, 29.2176, 55.4834)
contains.

YUV(182.7350, 29.2176, 55.4834)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(182.7350, 29.2176,
55.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	F68BF2
RGB	246, 139, 242
RGB Percent	96%, 55%, 95%
CMY	0.0353, 0.4549, 0.0510
CMYK	0.00, 0.43, 0.02, 0.04
HSL	302°, 86%, 75%
HSV	302°, 43%, 96%
XYZ	63.2657, 44.4689, 89.2533
YIQ	182.7350, 30.7090, 54.7170

Conversions

Conversions Part 2

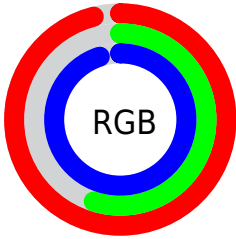
Format	Color
R _Y B	246, 139, 242
Decimal	16157682
CIE Lab	72.54, 54.92, -34.52
CIE LCh	73, 64.869, 327.849
Yxy	44.4689, 0.3212, 0.2257
Android (android.graphics.Color)	4294347762 (0xFFFF68BF2)
YUV	182.7350, 29.2176, 55.4834
Hunter-Lab	66.6850, 52.6486, -32.6761

Details

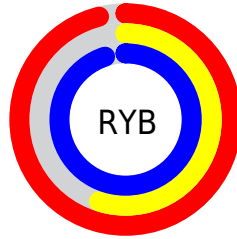
The YUV color **182.7350, 29.2176, 55.4834** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **202.2650, -29.2176, -55.4834**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7800, 17.3635, 30.8879**, and **127.3110, 28.9337, 53.2243** is the 20% darker color. If you saturate the color by 10%, you get **167.9460, 36.0156, 68.4534**, and if you desaturate by 10%, it is **197.5240, 22.4197, 42.5135**.

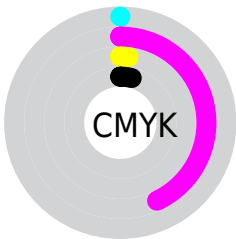
Distribution



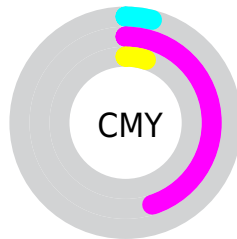
- Red (96%)
- Green (55%)
- Blue (95%)



- Red (96%)
- Yellow (55%)
- Blue (95%)



- Cyan (0%)
- Magenta (43%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (45%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 182.7350, 29.2176, 55.4834 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 182.7350, 29.2176, 55.4834 by changing the saturation by 10% instead.


 182.7350, 29.2176,
55.4834

 182.7350, 29.2176,
55.4834


255.0000, 0.0000,
0.0000


 154.9090, 28.6389,
54.4538


 219.7800, 17.3635,
30.8879


 127.3110, 28.9337,
53.2243


 236.8030, 8.9711,
15.9588

 99.0120, 29.0811,
52.6095

 253.8260, 0.5788,
1.0296

 70.3650, 30.3861,
54.0539

 43.4790, 30.8229,
53.9539

 32.6700, 24.3197,
39.7544

 22.4590, 17.5217,

26.7845

■ 11.5790, 12.0396,
11.7702

■ 1.2540, 4.8048,
-1.0998

■ 182.7350, 29.2176,
55.4834

■ 182.7350, 29.2176,
55.4834

■ 167.9460, 36.0156,
68.4534

■ 197.5240, 22.4197,
42.5135

■ 153.7440, 42.5242,
80.9085

■ 211.7260, 15.9111,
30.0583

■ 138.9550, 49.3222,
93.8785

■ 226.5150, 9.1131,
17.0883

■ 124.7530, 55.8308,
106.3336

■ 240.7170, 2.6045,
4.6332

■ 109.9640, 62.6287,
119.3036

■ 251.3970, -2.1677,
-4.7332

■ 100.5720, 67.2590,
127.5404

■ 251.5110, -1.7309,
-4.8331

■ 251.6250, -1.2941,
-4.9331

■ 251.7390, -0.8573,
-5.0331

Harmonies

Analogous

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



176.7660, 38.5694, -4.1798



182.7350, 29.2176, 55.4834



169.5360, 7.6238, 74.9519

Triad

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



182.7350, 29.2176, 55.4834



170.8240, -60.0592, 36.9884



147.3700, 41.7226, -129.2435

Complementary

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



182.7350, 29.2176, 55.4834



202.2650, -29.2176, -55.4834

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.



140.5300, 15.5147, -123.2448



182.7350, 29.2176, 55.4834



165.8720, -49.7299, -9.5347

Square

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



182.7350, 29.2176, 55.4834



173.6600, -47.6534, 71.3352



152.2830, -19.8595, -70.4082



146.4700, 53.5053, -128.4542

Rectangle

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



182.7350, 29.2176, 55.4834



166.1500, -10.4270, 77.9214



152.2830, -19.8595, -70.4082



145.7910, 33.1340, -127.8587

Sweetspot

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



182.7350, 29.2176, 55.4834



235.5150, 9.1131, 17.0883



152.3940, 46.1478, -8.2385



115.5590, 5.6404, 10.9108



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.



182.7350, 29.2176, 55.4834



176.3590, 36.3050, 68.9682



176.6930, 6.0674, 60.7822



114.9560, 3.4727, 6.1776



76.0200, 50.7691, 96.4525



24.0250, 15.7637, 30.6731

Inverse Universe

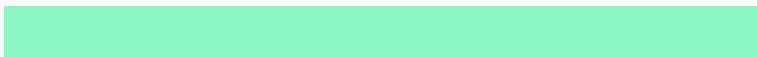
The Inverse Universe completely reimagines the original color for something new.



182.7350, 29.2176, 55.4834



176.3590, 36.3050, 68.9682



208.3070, -6.0674, -60.7822



114.9560, 3.4727, 6.1776



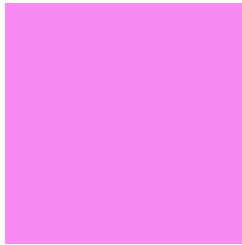
76.0200, 50.7691, 96.4525



24.0250, 15.7637, 30.6731

Previews

White Background



This preview shows how the YUV color 182.7350, 29.2176, 55.4834 looks on a white background.

Color Contrast Check

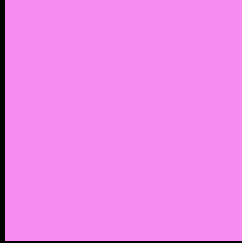
Large Text (above 18pt) WCAG AA × Fail

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 182.7350, 29.2176, 55.4834 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 182.7350, 29.2176, 55.4834 Background



This preview shows how black text looks on a background with the YUV color 182.7350, 29.2176, 55.4834.



This preview shows how white text looks on a background with the YUV color 182.7350, 29.2176,

55.4834.

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

182.7350, 29.2176, 55.4834

Protanopia

177.8300, 38.0448, -22.6529

Deuteranopia

178.5510, 27.8294, -12.7612



Tritanopia

181.4730, -7.1352, 48.6972

Trichromacy



Original Color

182.7350, 29.2176, 55.4834



Protanomaly

179.7950, 34.6111, 5.4418



Deuteranomaly

180.2320, 28.4796, 12.0745



Tritanomaly

181.9260, 5.9525, 50.9309

Monochromacy



Original Color

182.7350, 29.2176, 55.4834



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

182.8790, 10.4127, 20.2771

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.7350, 29.2176, 55.4834 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(246, 139, 242)` looks like.

```
.text, #text, p{  
    color:rgb(246, 139, 242)  
}
```

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(246, 139, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 139, 242) }
```

Border

The CSS property to change the border of an element to YUV 182.7350, 29.2176, 55.4834 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(246, 139, 242) }
```


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

```
.border{ border-color:rgb(246, 139, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 139, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 139, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 139, 242);  
box-shadow:4px 4px 4px 4px rgb(246, 139,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 182.7350, 29.2176, 55.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 139, 242) }
```

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

```
.background{ background-color: rgb(246,  
139, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor