

Converting Colors

YUV(186.0220, 34.0062,
59.6167)

Have a look what the booklet for
YUV(186.0220, 34.0062, 59.6167)
contains.

YUV(186.0220, 34.0062, 59.6167)	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(186.0220, 34.0062,
59.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8AFF
RGB	254, 138, 255
RGB Percent	100%, 54%, 100%
CMY	0.0039, 0.4588, 0.0000
CMYK	0.00, 0.46, 0.00, 0.00
HSL	299°, 100%, 77%
HSV	299°, 46%, 100%
XYZ	68.0115, 46.4678, 99.9923
YIQ	186.0220, 31.5790, 60.9790

Conversions

Conversions Part 2

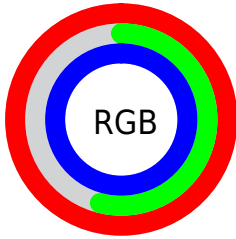
Format	Color
R_{YB}	254, 138, 255
Decimal	16681727
CIE _{Lab}	73.85, 59.94, -39.49
CIE _{LCh}	74, 71.780, 326.622
Yxy	46.4678, 0.3171, 0.2167
Android (android.graphics.Color)	4294871807 (0xFFFE8AFF)
YUV	186.0220, 34.0062, 59.6167
Hunter-Lab	68.1673, 58.7994, -39.2534

Details

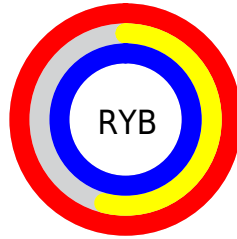
The YUV color **186.0220, 34.0062, 59.6167** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **206.9780, -34.0062, -59.6167**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1930, 17.6529, 31.4027**, and **129.5980, 33.7222, 57.3576** is the 20% darker color. If you saturate the color by 10%, you get **171.3470, 41.2409, 72.4867**, and if you desaturate by 10%, it is **200.6970, 26.7714, 46.7467**.

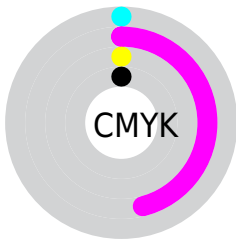
Distribution



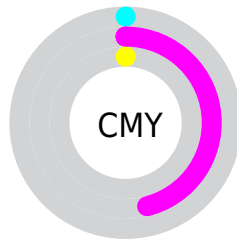
- Red (100%)
- Green (54%)
- Blue (100%)



- Red (100%)
- Yellow (54%)
- Blue (100%)



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





- Cyan (0%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.0220, 34.0062, 59.6167 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 186.0220, 34.0062, 59.6167 by changing the saturation by 10% instead.


 186.0220, 34.0062,
59.6167


 186.0220, 34.0062,
59.6167


255.0000, 0.0000,
0.0000


 157.3100, 33.8642,
58.4871


 219.1930, 17.6529,
31.4027


 129.5980, 33.7222,
57.3576


 236.2160, 9.2605,
16.4736

 100.7120, 34.1590,
57.2576

 253.8260, 0.5788,
1.0296

 69.3040, 36.3321,
60.2464

 46.5270, 34.7432,
56.5428

 35.6040, 27.8032,
42.4433

 25.0940, 21.1527,

28.8586

■ 14.6980, 14.9389,
15.1739

■ 3.2090, 9.7570,
-2.8143

■ 186.0220, 34.0062,
59.6167

■ 186.0220, 34.0062,
59.6167

■ 171.3470, 41.2409,
72.4867

■ 200.6970, 26.7714,
46.7467

■ 156.0850, 48.7651,
85.8715

■ 215.9590, 19.2472,
33.3620

■ 141.1110, 56.1473,
98.1267

■ 231.5200, 11.5756,
20.5920

■ 125.8490, 63.6714,
111.5114

■ 246.1950, 4.3409,
7.7220

■ 111.1740, 70.9062, 255.0000, 0.0000,
124.3814 0.0000

■ 104.7170, 74.0895,
130.0442

Harmonies

Analogous

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



177.3310, 38.2908, -8.1833



186.0220, 34.0062, 59.6167



167.3990, 12.1283, 76.8261

Triad

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



186.0220, 34.0062, 59.6167



172.9250, -69.9690, 42.1618



151.6900, 43.0438, -133.0321

Complementary

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



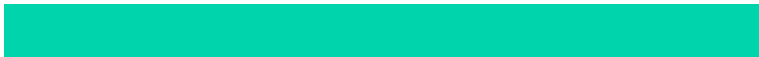
186.0220, 34.0062, 59.6167



206.9780, -34.0062, -59.6167

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.



144.0520, 13.7784, -126.3336



186.0220, 34.0062, 59.6167



167.1080, -57.7342, -8.8647

Square

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



186.0220, 34.0062, 59.6167



172.2750, -50.4216, 72.5498



151.4190, -22.8846, -80.1745



149.9920, 51.7689, -131.5430

Rectangle

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



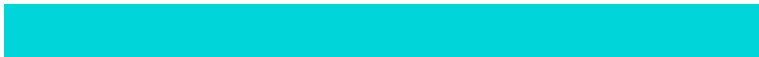
186.0220, 34.0062, 59.6167



163.5570, -7.6696, 80.1955



151.4190, -22.8846, -80.1745



149.7690, 33.1449, -131.3474

Sweetspot

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



186.0220, 34.0062, 59.6167



233.8680, 10.4181, 18.5328



152.5120, 50.5266, -12.7270



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.



186.0220, 34.0062, 59.6167



172.5210, 40.6621, 71.4571



179.8230, 8.9613, 65.9302



120.0700, 3.9095, 6.0776



78.5840, 55.4211, 97.7118



26.1330, 18.6684, 32.3324

Inverse Universe

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



173.0970, -16.8098, 71.8289



156.9740, -20.2002, 85.9688



213.1770, -8.9613, -65.9302



118.8870, -1.9163, 7.9921



57.3370, -27.2811, 117.2225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 186.0220, 34.0062, 59.6167 looks on a white background.

Color Contrast Check

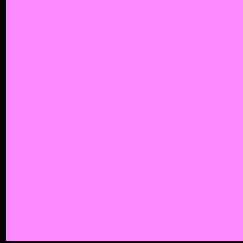
Large Text (above 18pt) WCAG AA × Fail

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 186.0220, 34.0062, 59.6167 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 186.0220, 34.0062, 59.6167

Background



This preview shows how black text looks on a background with the YUV color 186.0220, 34.0062, 59.6167.



This preview shows how white text looks on a background with the YUV color 186.0220, 34.0062, 59.6167.

59.6167.

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

186.0220, 34.0062, 59.6167

Protanopia

181.6730, 36.1502, -21.6382

Deuteranopia

181.7830, 32.6450, -17.3497



Tritanopia

184.7830, -7.2880, 51.0563

Trichromacy



Original Color

186.0220, 34.0062, 59.6167



Protanomaly

183.3330, 35.3318, 7.6010



Deuteranomaly

183.1870, 33.4318, 10.3600

Tritanomaly

185.4040, 7.6888, 54.0197

Monochromacy



Original Color

186.0220, 34.0062, 59.6167



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.3460, 12.1544, 21.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0220, 34.0062, 59.6167 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(254, 138, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 138, 255)  
}
```

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(254, 138, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 138, 255) }
```

Border

The CSS property to change the border of an element to YUV 186.0220, 34.0062, 59.6167 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(254, 138, 255) }
```


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

```
.border{ border-color:rgb(254, 138, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 138, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 138, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 138, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 138,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 186.0220, 34.0062, 59.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 138, 255) }
```

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

```
.background{ background-color: rgb(254,  
138, 255) }
```

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