

Converting Colors

YUV(186.2070, 13.2089,
56.8235)

Have a look what the booklet for
YUV(186.2070, 13.2089, 56.8235)
contains.

YUV(186.2070, 13.2089, 56.8235)	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(186.2070, 13.2089,
56.8235)**

Conversions

Conversions Part 1

Format	Color
Hex	FB94D5
RGB	251, 148, 213
RGB Percent	98%, 58%, 84%
CMY	0.0157, 0.4196, 0.1647
CMYK	0.00, 0.41, 0.15, 0.02
HSL	322°, 93%, 78%
HSV	322°, 41%, 98%
XYZ	62.3838, 46.4931, 68.6369
YIQ	186.2070, 40.5230, 42.0510

Conversions

Conversions Part 2

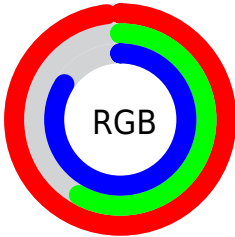
Format	Color
R_{YB}	251, 148, 213
Decimal	16487637
CIE _{Lab}	73.86, 47.18, -16.55
CIE _{LCh}	74, 49.996, 340.672
Yxy	46.4931, 0.3514, 0.2619
Android (android.graphics.Color)	4294677717 (0xFFFB94D5)
YUV	186.2070, 13.2089, 56.8235
Hunter-Lab	68.1859, 43.9858, -11.9520

Details

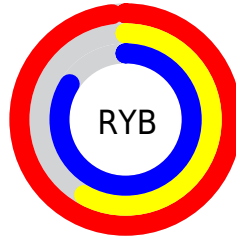
The YUV color $186.2070, 13.2089, 56.8235$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $212.7930, -13.2089, -56.8235$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.0630, 14.7589, 26.2547$, and $130.8970, 13.3618, 54.4643$ is the 20% darker color. If you saturate the color by 10%, you get $170.5060, 16.5125, 70.5932$, and if you desaturate by 10%, it is $201.9080, 9.9054, 43.0537$.

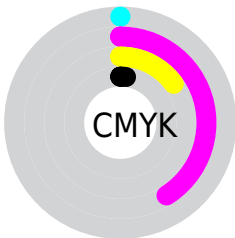
Distribution



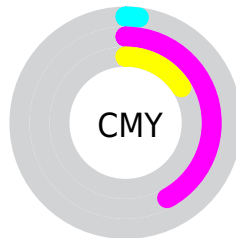
- Red (98%)
- Green (58%)
- Blue (84%)



- Red (98%)
- Yellow (58%)
- Blue (84%)



- Cyan (0%)
- Magenta (41%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.2070, 13.2089, 56.8235 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 186.2070, 13.2089, 56.8235 by changing the saturation by 10% instead.

 186.2070, 13.2089,
56.8235


 186.2070, 13.2089,
56.8235


255.0000, 0.0000,
0.0000


 158.4950, 13.0670,
55.6939


 225.0630, 14.7589,
26.2547


 130.8970, 13.3618,
54.4643

 242.0860, 6.3666,
11.3256

 104.0000, 13.8040,
52.6200

 77.2280, 14.6776,
52.4200

 46.0480, 17.7243,
55.2089

 31.5430, 13.5363,
45.1278

 21.6740, 8.0487,

31.8579

■ 11.2780, 1.8349,
18.1732

■ 0.0000, 0.0000,
0.0000

■ 186.2070, 13.2089,
56.8235

■ 186.2070, 13.2089,
56.8235

■ 170.5060, 16.5125,
70.5932

■ 201.9080, 9.9054,
43.0537

■ 154.6910, 19.3793,
84.4630

■ 217.7230, 7.0386,
29.1839

■ 138.9900, 22.6829,
98.2328

■ 233.4240, 3.7350,
15.4142

■ 123.2890, 25.9865,
112.0025

■ 249.1250, 0.4314,
1.6444

■ 107.5880, 29.2901,
125.7723

■ 253.8040, 0.5896,
-2.4591

■ 93.0610, 32.0149,
138.5125

Harmonies

Analogous

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



186.1880, 31.9523, 18.2521



186.2070, 13.2089, 56.8235



179.8110, -6.3158, 65.9408

Triad

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



186.2070, 13.2089, 56.8235



176.0460, -43.4067, 15.7457



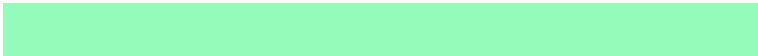
146.5210, 46.0851, -128.4989

Complementary

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



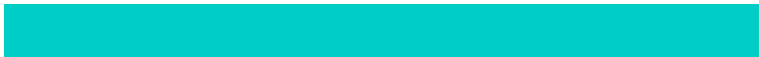
186.2070, 13.2089, 56.8235



212.7930, -13.2089, -56.8235

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.



142.7930, 26.7241, -125.2295



186.2070, 13.2089, 56.8235



170.3490, -29.7521, -23.9851

Square

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



186.2070, 13.2089, 56.8235



179.2980, -42.0519, 47.9737



159.5830, -4.7244, -71.5483



143.5350, 54.9522, -125.8802

Rectangle

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



186.2070, 13.2089, 56.8235



178.7390, -20.5773, 66.8809



159.5830, -4.7244, -71.5483



145.6260, 40.1174, -127.7140

Sweetspot

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



186.2070, 13.2089, 56.8235



235.5490, 4.1663, 17.0585



171.1040, 39.3887, 13.0638



116.6360, 2.1515, 9.9662



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.



186.2070, 13.2089, 56.8235



176.3810, 16.0812, 68.9489



180.3930, -9.0677, 61.9223



116.7990, 1.5781, 7.1923



70.0770, 24.1190, 104.2955



22.6850, 8.0433, 33.6023

Inverse Universe

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



186.2070, 13.2089, 56.8235



176.3810, 16.0812, 68.9489



218.6070, 9.0677, -61.9223



116.7990, 1.5781, 7.1923



70.0770, 24.1190, 104.2955



22.6850, 8.0433, 33.6023

Previews

White Background



This preview shows how the YUV color 186.2070, 13.2089, 56.8235 looks on a white background.

Color Contrast Check

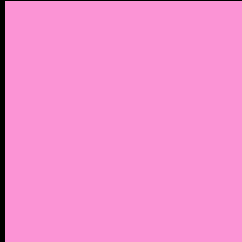
Large Text (above 18pt) WCAG AA × Fail

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 186.2070, 13.2089, 56.8235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

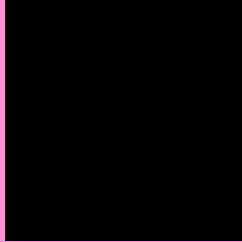
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.2070, 13.2089, 56.8235

Background



This preview shows how black text looks on a background with the YUV color 186.2070, 13.2089, 56.8235.



This preview shows how white text looks on a background with the YUV color 186.2070, 13.2089,

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

186.2070, 13.2089, 56.8235

Protanopia

182.6820, 25.7928, -12.8761

Deuteranopia

183.5240, 12.0667, 3.0485



Tritanopia

184.8650, -8.3144, 53.6154

Trichromacy



Original Color

186.2070, 13.2089, 56.8235



Protanomaly

183.6960, 21.3489, 12.5446



Deuteranomaly

184.1720, 12.7332, 22.6512



Tritanomaly

185.5260, -0.7523, 54.7897

Monochromacy



Original Color

186.2070, 13.2089, 56.8235



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.0980, 4.8817, 20.9621

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.2070, 13.2089, 56.8235 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(251, 148, 213)` looks like.

```
.text, #text, p{  
    color:rgb(251, 148, 213)  
}
```

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(251, 148, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 148, 213) }
```

Border

The CSS property to change the border of an element to YUV 186.2070, 13.2089, 56.8235 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(251, 148, 213) }
```


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

```
.border{ border-color:rgb(251, 148, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 148, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 148, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 148, 213);  
box-shadow:4px 4px 4px 4px rgb(251, 148,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 186.2070, 13.2089, 56.8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 148, 213) }
```

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

```
.background{ background-color: rgb(251,  
148, 213) }
```

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