

Converting Colors

YUV(189.9880, 18.7399,
56.1385)

Have a look what the booklet for
YUV(189.9880, 18.7399, 56.1385)
contains.

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Color

**YUV(189.9880, 18.7399,
56.1385)**

Conversions

Conversions Part 1

Format	Color
Hex	FE96E4
RGB	254, 150, 228
RGB Percent	100%, 59%, 89%
CMY	0.0039, 0.4118, 0.1059
CMYK	0.00, 0.41, 0.10, 0.00
HSL	315°, 98%, 79%
HSV	315°, 41%, 100%
XYZ	65.7830, 48.4850, 79.2902
YIQ	189.9880, 36.9460, 46.3060

Conversions

Conversions Part 2

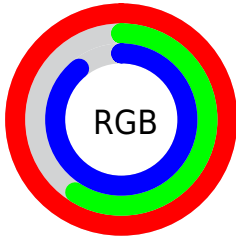
Format	Color
RYB	254, 150, 228
Decimal	16684772
CIELab	75.13, 49.48, -22.82
CIELCh	75, 54.484, 335.244
Yxy	48.4850, 0.3399, 0.2505
Android (android.graphics.Color)	4294874852 (0xFFFE96E4)
YUV	189.9880, 18.7399, 56.1385
Hunter-Lab	69.6311, 46.7807, -18.7727

Details

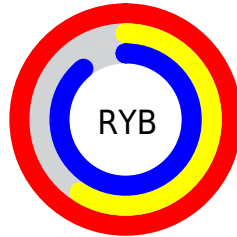
The YUV color **189.9880, 18.7399, 56.1385** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **214.0120, -18.7399, -56.1385**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2370, 14.1802, 25.2252**, and **134.5640, 18.4559, 53.8794** is the 20% darker color. If you saturate the color by 10%, you get **174.6290, 23.3539, 69.6084**, and if you desaturate by 10%, it is **205.3470, 14.1259, 42.6687**.

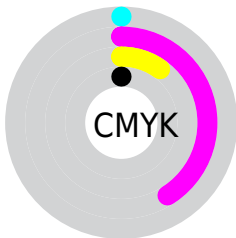
Distribution



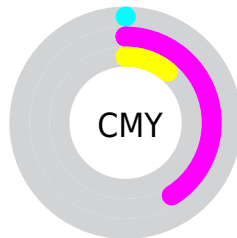
- Red (100%)
- Green (59%)
- Blue (89%)



- Red (100%)
- Yellow (59%)
- Blue (89%)



- Cyan (0%)
- Magenta (41%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.9880, 18.7399, 56.1385 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 189.9880, 18.7399, 56.1385 by changing the saturation by 10% instead.

 189.9880, 18.7399,
56.1385


 189.9880, 18.7399,
56.1385


255.0000, 0.0000,
0.0000


 161.9770, 18.7453,
54.3942


 226.2370, 14.1802,
25.2252


 134.5640, 18.4559,
53.8794

 243.2600, 5.7878,
10.2960

 107.6670, 18.8982,
52.0350

 79.8950, 19.7718,
51.8351

 49.0140, 22.6711,
55.2387

 33.8080, 18.3357,
45.7724

 23.4120, 12.1219,

32.0877

■ 13.8420, 6.4869,
19.4326

■ 0.0000, 0.0000,
0.0000

■ 189.9880, 18.7399,
56.1385

■ 189.9880, 18.7399,
56.1385

■ 174.6290, 23.3539,
69.6084

■ 205.3470, 14.1259,
42.6687

■ 158.5690, 27.8205,
83.6930

■ 221.4070, 9.6593,
28.5841

■ 143.2100, 32.4345,
97.1628

■ 236.7660, 5.0454,
15.1142

■ 127.2640, 37.3378,
111.1475

■ 252.7120, 0.1420,
1.1296

■ 111.7910, 41.5150,
124.7173

254.7010, 0.1474,
-0.6148

■ 97.7200, 45.9870,
137.0576

Harmonies

Analogous

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



187.4860, 33.2844, 10.9748



189.9880, 18.7399, 56.1385



179.8910, -0.9323, 65.8706

Triad

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



189.9880, 18.7399, 56.1385



179.4230, -48.5225, 23.3080



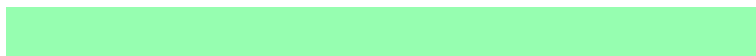
150.1570, 44.7856, -131.6877

Complementary

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



189.9880, 18.7399, 56.1385



214.0120, -18.7399, -56.1385

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.



145.2720, 23.5299, -127.4035



189.9880, 18.7399, 56.1385



173.9600, -36.4623, -18.3819

Square

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



189.9880, 18.7399, 56.1385



182.8970, -43.8262, 57.0953



162.4000, -10.5502, -69.6338



147.0570, 53.2159, -128.9690

Rectangle

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



189.9880, 18.7399, 56.1385



178.4770, -16.5042, 67.1107



162.4000, -10.5502, -69.6338



149.0340, 37.9442, -130.7028

Sweetspot

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



189.9880, 18.7399, 56.1385



235.8910, 5.4767, 16.7586



169.6300, 41.5944, 5.5865



116.8640, 3.0250, 9.7663



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.



189.9880, 18.7399, 56.1385



178.0910, 22.6331, 67.4492



184.0600, -3.9736, 61.3374



119.9130, 2.0149, 7.0923



73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Inverse Universe

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



189.9880, 18.7399, 56.1385



178.0910, 22.6331, 67.4492



219.9400, 3.9736, -61.3374



119.9130, 2.0149, 7.0923



73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 189.9880, 18.7399, 56.1385 looks on a white background.

Color Contrast Check

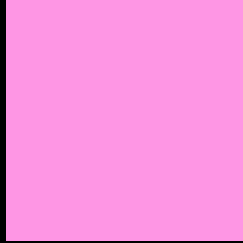
Large Text (above 18pt) WCAG AA × Fail

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 189.9880, 18.7399, 56.1385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

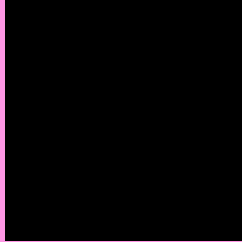
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.9880, 18.7399, 56.1385

Background



This preview shows how black text looks on a background with the YUV color 189.9880, 18.7399, 56.1385.



This preview shows how white text looks on a background with the YUV color 189.9880, 18.7399,

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

189.9880, 18.7399, 56.1385

Protanopia

185.4840, 32.7924, -17.9645

Deuteranopia

186.8700, 17.3191, -1.6400



Tritanopia

188.3810, -7.5828, 52.2859

Trichromacy



Original Color

189.9880, 18.7399, 56.1385



Protanomaly

186.9820, 27.6169, 8.7858



Deuteranomaly

188.1160, 17.6908, 19.1923



Tritanomaly

188.9110, 2.0159, 53.5751

Monochromacy



Original Color

189.9880, 18.7399, 56.1385



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

189.6680, 7.0657, 20.4622

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9880, 18.7399, 56.1385 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, 150, 228)` looks like.

```
.text, #text, p{  
    color:rgb(254, 150, 228)  
}
```

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, 150, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 150, 228) }
```

Border

The CSS property to change the border of an element to YUV 189.9880, 18.7399, 56.1385 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, 150, 228) }
```


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

```
.border{ border-color:rgb(254, 150, 228) }
```

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

Here you see how a box with a 4 pixel rgb(254, 150, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 150, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 150, 228);  
box-shadow:4px 4px 4px 4px rgb(254, 150,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 189.9880, 18.7399, 56.1385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 150, 228) }
```

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

```
.background{ background-color: rgb(254,  
150, 228) }
```

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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