

Converting Colors

YUV(186.7480, 2.5892, 56.3490)

Have a look what the booklet for
YUV(186.7480, 2.5892, 56.3490)
contains.

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Color

**YUV(186.7480, 2.5892,
56.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	FB99C0
RGB	251, 153, 192
RGB Percent	98%, 60%, 75%
CMY	0.0157, 0.4000, 0.2471
CMYK	0.00, 0.39, 0.24, 0.02
HSL	336°, 92%, 79%
HSV	336°, 39%, 98%
XYZ	60.6893, 47.0975, 55.7612
YIQ	186.7480, 45.8890, 32.9050

Conversions

Conversions Part 2

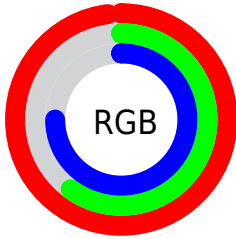
Format	Color
R_{YB}	251, 153, 192
Decimal	16488896
CIE _{Lab}	74.25, 41.54, -4.41
CIE _{LCh}	74, 41.770, 353.946
Yxy	47.0975, 0.3711, 0.2880
Android (android.graphics.Color)	4294678976 (0xFFFB99C0)
YUV	186.7480, 2.5892, 56.3490
Hunter-Lab	68.6276, 37.7543, -0.1349

Details

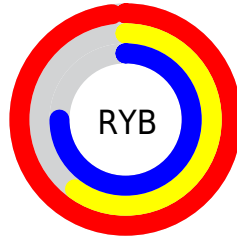
The YUV color **186.7480, 2.5892, 56.3490** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **217.2520, -2.5892, -56.3490**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2000, 10.2544, 24.3806**, and **132.2530, 3.3263, 53.2751** is the 20% darker color. If you saturate the color by 10%, you get **170.3630, 3.2720, 70.7186**, and if you desaturate by 10%, it is **203.1330, 1.9064, 41.9794**.

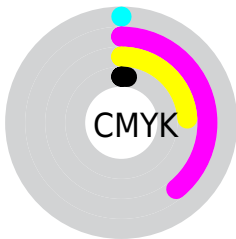
Distribution



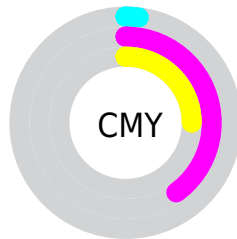
- Red (98%)
- Green (60%)
- Blue (75%)



- Red (98%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (39%)
- Yellow (24%)
- Black (2%)




- Cyan (2%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.7480, 2.5892, 56.3490 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 186.7480, 2.5892, 56.3490 by changing the saturation by 10% instead.


 186.7480, 2.5892,
56.3490


 186.7480, 2.5892,
56.3490

255.0000, 0.0000,
0.0000


 158.8510, 3.0315,
54.5047

 227.2000, 10.2544,
24.3806


 132.2530, 3.3263,
53.2751

 244.4340, 5.2090,
9.2664

 105.3560, 3.7685,
51.4308

 78.9860, 4.9369,
50.0013

 52.3280, 6.2473,
49.7013

 29.7190, 6.5475,
46.7274

 19.6650, 1.6442,

32.7428

■ 9.0840, -3.9854,
18.3433

■ 0.0000, 0.0000,
0.0000

■ 186.7480, 2.5892,
56.3490

■ 186.7480, 2.5892,
56.3490

■ 170.3630, 3.2720,
70.7186

■ 203.1330, 1.9064,
41.9794

■ 153.9780, 3.9548,
85.0883

■ 219.5180, 1.2236,
27.6097

■ 137.5930, 4.6377,
99.4579

■ 235.9030, 0.5408,
13.2401

■ 121.2080, 5.3205,
113.8276

■ 252.2880, -0.1420,
-1.1296

■ 104.7090, 5.5665,
128.2972

■ 253.8040, 0.5896,
-2.4591

■ 87.7370, 6.5387,
143.1817

■ 86.4490, 6.6806,
144.3112

Harmonies

Analogous

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



187.7630, 19.8368, 30.9028



186.7480, 2.5892, 56.3490



184.0850, -15.3249, 62.1925

Triad

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



186.7480, 2.5892, 56.3490



176.8080, -32.4433, -0.7086



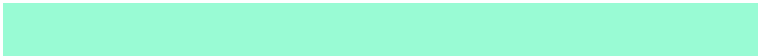
150.6200, 46.0363, -112.7997

Complementary

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



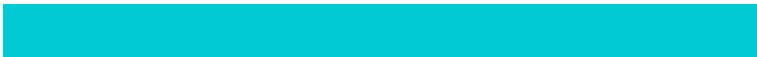
186.7480, 2.5892, 56.3490



217.2520, -2.5892, -56.3490

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.



143.3290, 33.8548, -125.6995



186.7480, 2.5892, 56.3490



170.8990, -17.2052, -34.9914

Square

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



186.7480, 2.5892, 56.3490



180.5560, -36.7561, 29.3304



161.6180, 5.6113, -73.3330



173.2020, 40.3264, -54.5512

Rectangle

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



186.7480, 2.5892, 56.3490



183.6040, -25.9338, 58.2293



161.6180, 5.6113, -73.3330



144.1900, 44.7693, -126.4546

Sweetspot

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



186.7480, 2.5892, 56.3490



234.7510, 1.1088, 17.7584



181.8130, 34.1092, 26.4740



116.1800, 0.4043, 10.3661



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.



186.7480, 2.5892, 56.3490



176.3520, 3.2775, 68.9743



188.1720, -17.3398, 55.1002



116.4570, 0.2677, 7.4922



65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Inverse Universe

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



186.7480, 2.5892, 56.3490



176.3520, 3.2775, 68.9743



215.8280, 17.3398, -55.1002



116.4570, 0.2677, 7.4922



65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 186.7480, 2.5892, 56.3490 looks on a white background.

Color Contrast Check

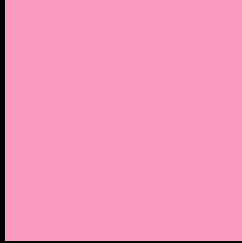
Large Text (above 18pt) WCAG AA × Fail

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 186.7480, 2.5892, 56.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

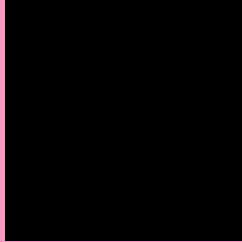
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.7480, 2.5892, 56.3490

Background



This preview shows how black text looks on a background with the YUV color 186.7480, 2.5892, 56.3490.



This preview shows how white text looks on a background with the YUV color 186.7480, 2.5892,

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

186.7480, 2.5892, 56.3490

Protanopia

183.9960, 12.8200, -5.2585

Deuteranopia

184.8320, 1.5618, 12.4253



Tritanopia

185.8760, -8.3199, 55.3597

Trichromacy



Original Color

186.7480, 2.5892, 56.3490



Protanomaly

184.8140, 8.9657, 17.7031



Deuteranomaly

185.3440, 1.8024, 28.6393



Tritanomaly

186.5000, -4.6835, 55.6895

Monochromacy



Original Color

186.7480, 2.5892, 56.3490



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.0610, 0.9559, 20.1175

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.7480, 2.5892, 56.3490 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, 153, 192)` looks like.

```
.text, #text, p{  
    color:rgb(251, 153, 192)  
}
```

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, 153, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 153, 192) }
```

Border

The CSS property to change the border of an element to YUV 186.7480, 2.5892, 56.3490 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, 153, 192) }
```


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

```
.border{ border-color:rgb(251, 153, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 153, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 153, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 153, 192);  
box-shadow:4px 4px 4px 4px rgb(251, 153,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 186.7480, 2.5892, 56.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 153, 192) }
```

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

```
.background{ background-color: rgb(251,  
153, 192) }
```

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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