

Converting Colors

YUV(187.1920, 5.8213, 46.3126)

Have a look what the booklet for
YUV(187.1920, 5.8213, 46.3126)
contains.

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Color

**YUV(187.1920, 5.8213,
46.3126)**

Conversions

Conversions Part 1

Format	Color
Hex	F09EC7
RGB	240, 158, 199
RGB Percent	94%, 62%, 78%
CMY	0.0588, 0.3804, 0.2196
CMYK	0.00, 0.34, 0.17, 0.06
HSL	330°, 73%, 78%
HSV	330°, 34%, 94%
XYZ	58.4708, 47.1025, 60.0428
YIQ	187.1920, 35.7110, 30.1350

Conversions

Conversions Part 2

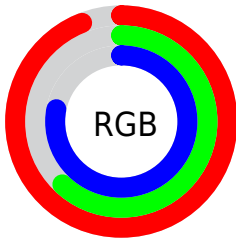
Format	Color
R _Y B	240, 158, 199
Decimal	15769287
CIE Lab	74.26, 36.21, -8.39
CIE LCh	74, 37.172, 346.948
Yxy	47.1025, 0.3531, 0.2844
Android (android.graphics.Color)	4293959367 (0xFFFF09EC7)
YUV	187.1920, 5.8213, 46.3126
Hunter-Lab	68.6313, 31.9695, -3.8286

Details

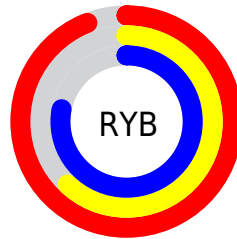
The YUV color **187.1920, 5.8213, 46.3126** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **210.8080, -5.8213, -46.3126**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9330, 11.8650, 21.1068**, and **132.8820, 5.9742, 43.9535** is the 20% darker color. If you saturate the color by 10%, you get **171.7360, 7.5252, 59.8675**, and if you desaturate by 10%, it is **202.6480, 4.1175, 32.7577**.

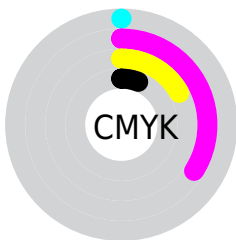
Distribution



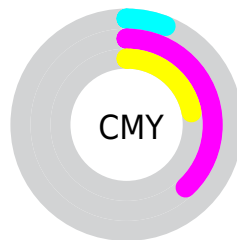
- Red (94%)
- Green (62%)
- Blue (78%)



- Red (94%)
- Yellow (62%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (17%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 187.1920, 5.8213, 46.3126 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 187.1920, 5.8213, 46.3126 by changing the saturation by 10% instead.

 187.1920, 5.8213,
46.3126

 187.1920, 5.8213,
46.3126


255.0000, 0.0000,
0.0000

 159.5940, 6.1162,
45.0831


 230.9330, 11.8650,
21.1068


 132.8820, 5.9742,
43.9535

 247.3690, 3.7621,
6.6924

 106.8710, 5.9796,
42.2091

 81.3870, 6.7112,
40.8796

 55.9030, 7.4428,
39.5501

 29.4840, 9.6214,
40.7945

 18.4410, 4.7126,

28.5542

■ 7.2900, -3.1010,
14.6547

■ 0.0000, 0.0000,
0.0000

■ 187.1920, 5.8213,
46.3126

■ 187.1920, 5.8213,
46.3126

■ 171.7360, 7.5252,
59.8675

■ 202.6480, 4.1175,
32.7577

■ 156.2800, 9.2290,
73.4224

■ 218.1040, 2.4137,
19.2028

■ 140.8240, 10.9328,
86.9774

■ 233.5600, 0.7099,
5.6479

■ 125.3680, 12.6366,
100.5323

■ 249.0160, -0.9939,
-7.9070

■ 109.9120, 14.3404,
114.0872

■ 250.5150, 2.2111,
-9.2217

■ 94.4560, 16.0442,
127.6421

■ 85.4400, 17.0381,
135.5491

Harmonies

Analogous

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



187.2240, 20.5956, 20.8516



187.1920, 5.8213, 46.3126



185.6050, -10.6513, 56.4744

Triad

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



187.1920, 5.8213, 46.3126



178.6070, -30.8653, 6.4837



160.7990, 34.6091, -87.5237

Complementary

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



187.1920, 5.8213, 46.3126



210.8080, -5.8213, -46.3126

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.



160.0370, 20.1948, -84.2244



187.1920, 5.8213, 46.3126



173.8080, -19.1323, -23.5106

Square

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



187.1920, 5.8213, 46.3126



181.4300, -32.2570, 32.9489



167.7190, -0.8475, -55.0046



172.6920, 37.1268, -54.9809

Rectangle

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



187.1920, 5.8213, 46.3126



184.3630, -20.3920, 54.0556



167.7190, -0.8475, -55.0046



158.3810, 31.8572, -91.5421

Sweetspot

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



187.1920, 5.8213, 46.3126



238.8430, 1.5564, 14.1697



179.6070, 29.7737, 17.0077



117.6960, 1.1359, 9.0366



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.



187.1920, 5.8213, 46.3126



187.4370, 7.6726, 59.2528



182.5180, -12.0874, 50.4117



112.2720, 0.8519, 6.7775



65.5040, 13.0625, 103.9210



19.9360, 3.9756, 31.6281

Inverse Universe

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



187.1920, 5.8213, 46.3126



187.4370, 7.6726, 59.2528



215.4820, 12.0874, -50.4117



112.2720, 0.8519, 6.7775



65.5040, 13.0625, 103.9210



19.9360, 3.9756, 31.6281

Previews

White Background



This preview shows how the YUV color 187.1920, 5.8213, 46.3126 looks on a white background.

Color Contrast Check

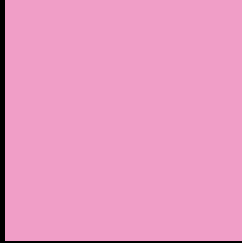
Large Text (above 18pt) WCAG AA × Fail

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 187.1920, 5.8213, 46.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

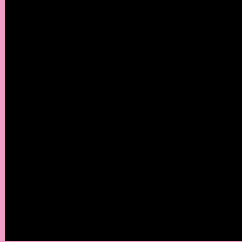
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.1920, 5.8213, 46.3126

Background



This preview shows how black text looks on a background with the YUV color 187.1920, 5.8213, 46.3126.



This preview shows how white text looks on a background with the YUV color 187.1920, 5.8213,

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

187.1920, 5.8213, 46.3126

Protanopia

183.5660, 15.0040, -5.7584

Deuteranopia

185.0210, 4.9196, 8.7516



Tritanopia

185.9070, -5.3772, 44.8086

Trichromacy



Original Color

187.1920, 5.8213, 46.3126



Protanomaly

185.1770, 11.7447, 12.9998



Deuteranomaly

185.8100, 5.0237, 22.0916



Tritanomaly

186.6450, -1.3040, 45.0383

Monochromacy



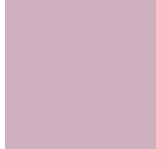
Original Color

187.1920, 5.8213, 46.3126



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

186.6800, 2.1298, 16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.1920, 5.8213, 46.3126 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(240, 158, 199)` looks like.

```
.text, #text, p{  
    color:rgb(240, 158, 199)  
}
```

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(240, 158, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 158, 199) }
```

Border

The CSS property to change the border of an element to YUV 187.1920, 5.8213, 46.3126 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(240, 158, 199) }
```


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

```
.border{ border-color:rgb(240, 158, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 158, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 158, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 158, 199);  
box-shadow:4px 4px 4px 4px rgb(240, 158,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 187.1920, 5.8213, 46.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 158, 199) }
```

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

```
.background{ background-color: rgb(240,  
158, 199) }
```

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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