

Converting Colors

YUV(195.5820, 11.0521,
48.6016)

Have a look what the booklet for
YUV(195.5820, 11.0521, 48.6016)
contains.

YUV(195.5820, 11.0521, 48.6016)	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(195.5820, 11.0521,
48.6016)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA3DA
RGB	251, 163, 218
RGB Percent	98%, 64%, 85%
CMY	0.0157, 0.3608, 0.1451
CMYK	0.00, 0.35, 0.13, 0.02
HSL	322°, 92%, 81%
HSV	322°, 35%, 98%
XYZ	65.5357, 51.7656, 72.8673
YIQ	195.5820, 34.7930, 35.7610

Conversions

Conversions Part 2

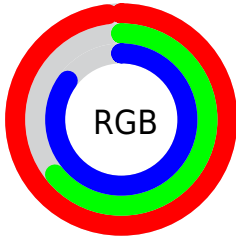
Format	Color
RYB	251, 163, 218
Decimal	16491482
CIELab	77.14, 40.26, -14.35
CIELCh	77, 42.738, 340.377
Yxy	51.7656, 0.3446, 0.2722
Android (android.graphics.Color)	4294681562 (0xFFFB3DA)
YUV	195.5820, 11.0521, 48.6016
Hunter-Lab	71.9483, 36.6813, -9.6835

Details

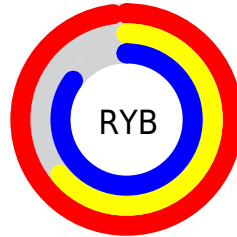
The YUV color **195.5820, 11.0521, 48.6016** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.4180, -11.0521, -48.6016**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8680, 10.4181, 18.5328**, and **140.8590, 10.9155, 45.7277** is the 20% darker color. If you saturate the color by 10%, you get **179.8810, 14.3557, 62.3714**, and if you desaturate by 10%, it is **211.2830, 7.7485, 34.8318**.

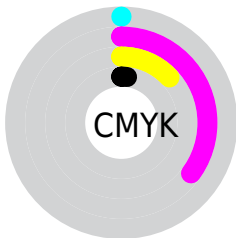
Distribution



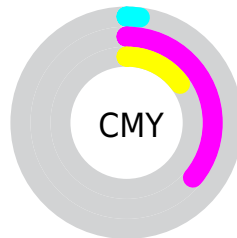
- Red (98%)
- Green (64%)
- Blue (85%)



- Red (98%)
- Yellow (64%)
- Blue (85%)



- Cyan (0%)
- Magenta (35%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.5820, 11.0521, 48.6016 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 195.5820, 11.0521, 48.6016 by changing the saturation by 10% instead.

 195.5820, 11.0521,
48.6016


 195.5820, 11.0521,
48.6016


255.0000, 0.0000,
0.0000


 167.8700, 10.9101,
47.4720


 233.8680, 10.4181,
18.5328

 140.8590, 10.9155,
45.7277

 250.8910, 2.0257,
3.6036

 114.2610, 11.2103,
44.4981

 88.5490, 11.0683,
43.3685

 62.4780, 12.0893,
42.5538

 33.7710, 14.4099,
44.9278

 22.6140, 9.0643,

32.7875

■ 13.4570, 3.7187,
20.6472

■ 0.0000, 0.0000,
0.0000

■ 195.5820, 11.0521,
48.6016

■ 195.5820, 11.0521,
48.6016

■ 179.8810, 14.3557,
62.3714

■ 211.2830, 7.7485,
34.8318

■ 164.0660, 17.2225,
76.2411

■ 227.0980, 4.8817,
20.9621

■ 148.3650, 20.5261,
90.0109

■ 242.7990, 1.5781,
7.1923

■ 132.5500, 23.3929,
103.8807

■ 253.8040, 0.5896,
-2.4591

■ 116.2620, 26.9858,
118.1652

■ 100.5610, 30.2894,
131.9350

■ 92.9470, 31.5781,
138.6125

Harmonies

Analogous

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



195.0260, 27.5952, 15.7632



195.5820, 11.0521, 48.6016



189.8700, -5.8519, 57.1190

Triad

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



195.5820, 11.0521, 48.6016



186.6420, -37.2915, 14.3460



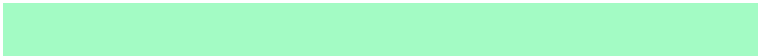
150.1570, 44.7856, -131.6877

Complementary

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



195.5820, 11.0521, 48.6016



218.4180, -11.0521, -48.6016

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.



160.7420, 20.8332, -102.3827



195.5820, 11.0521, 48.6016



181.4080, -25.8371, -19.6518

Square

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



195.5820, 11.0521, 48.6016



189.4590, -36.2153, 42.5705



174.4430, -5.6414, -57.3935



172.1620, 40.8391, -79.0721

Rectangle

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



195.5820, 11.0521, 48.6016



189.2540, -18.3662, 57.6592



174.4430, -5.6414, -57.3935



149.9630, 38.9652, -131.5176

Sweetspot

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



195.5820, 11.0521, 48.6016



237.3100, 3.2982, 15.5141



182.6000, 33.7212, 10.8748



117.2230, 1.8621, 9.4514



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.



195.5820, 11.0521, 48.6016



187.6310, 13.4929, 59.0826



190.6800, -7.7302, 52.9006



116.7990, 1.5781, 7.1923



69.9630, 23.6822, 104.3954



22.5710, 7.6065, 33.7022

Inverse Universe

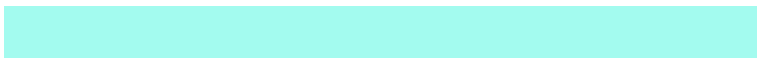
The Inverse Universe completely reimagines the original color for something new.



195.5820, 11.0521, 48.6016



187.6310, 13.4929, 59.0826



223.3200, 7.7302, -52.9006



116.7990, 1.5781, 7.1923



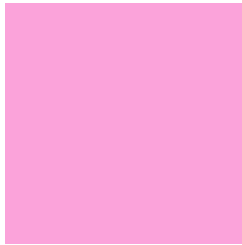
69.9630, 23.6822, 104.3954



22.5710, 7.6065, 33.7022

Previews

White Background



This preview shows how the YUV color 195.5820, 11.0521, 48.6016 looks on a white background.

Color Contrast Check

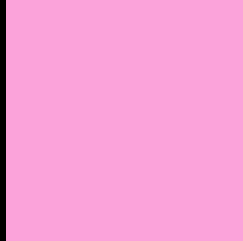
Large Text (above 18pt) WCAG AA × Fail

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 195.5820, 11.0521, 48.6016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

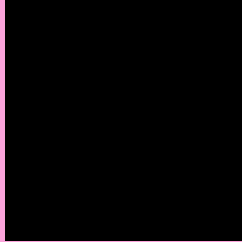
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.5820, 11.0521, 48.6016

Background



This preview shows how black text looks on a background with the YUV color 195.5820, 11.0521, 48.6016.



This preview shows how white text looks on a background with the YUV color 195.5820, 11.0521,

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

195.5820, 11.0521, 48.6016

Protanopia

191.5530, 21.4194, -10.1320

Deuteranopia

193.0790, 10.3141, 5.1927



Tritanopia

194.5050, -5.6720, 46.0381

Trichromacy



Original Color

195.5820, 11.0521, 48.6016



Protanomaly

193.3600, 17.5705, 11.0853



Deuteranomaly

194.1780, 10.2652, 20.8919



Tritanomaly

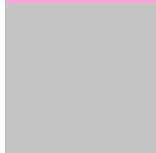
194.5250, 0.7272, 46.8976

Monochromacy



Original Color

195.5820, 11.0521, 48.6016



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

195.8480, 4.0189, 17.6733

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.5820, 11.0521, 48.6016 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, 163, 218)` looks like.

```
.text, #text, p{  
    color:rgb(251, 163, 218)  
}
```

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, 163, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 163, 218) }
```

Border

The CSS property to change the border of an element to YUV 195.5820, 11.0521, 48.6016 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, 163, 218) }
```


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

```
.border{ border-color:rgb(251, 163, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 163, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 163, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 163, 218);  
box-shadow:4px 4px 4px 4px rgb(251, 163,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 195.5820, 11.0521, 48.6016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 163, 218) }
```

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

```
.background{ background-color: rgb(251,  
163, 218) }
```

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