

Converting Colors

YUV(191.2500, 31.4288,
46.2617)

Have a look what the booklet for
YUV(191.2500, 31.4288, 46.2617)
contains.

YUV(191.2500, 31.4288, 46.2617)	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(191.2500, 31.4288,
46.2617)**

Conversions

Conversions Part 1

Format	Color
Hex	F498FF
RGB	244, 152, 255
RGB Percent	96%, 60%, 100%
CMY	0.0431, 0.4039, 0.0000
CMYK	0.04, 0.40, 0.00, 0.00
HSL	294°, 100%, 80%
HSV	294°, 40%, 100%
XYZ	66.5865, 48.9096, 100.5387
YIQ	191.2500, 21.7690, 51.5370

Conversions

Conversions Part 2

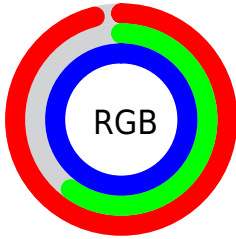
Format	Color
R_{YB}	244, 152, 255
Decimal	16029951
CIE _{Lab}	75.40, 50.13, -37.18
CIE _{LCh}	75, 62.409, 323.437
Yxy	48.9096, 0.3082, 0.2264
Android (android.graphics.Color)	4294220031 (0xFFFF498FF)
YUV	191.2500, 31.4288, 46.2617
Hunter-Lab	69.9354, 47.5655, -36.2802

Details

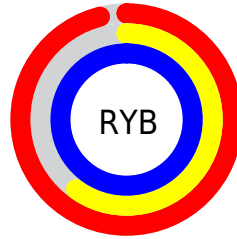
The YUV color **191.2500, 31.4288, 46.2617** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **215.7500, -31.4288, -46.2617**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4110, 13.6014, 24.1956**, and **135.7120, 30.7080, 44.1026** is the 20% darker color. If you saturate the color by 10%, you get **175.6780, 39.1057, 57.2874**, and if you desaturate by 10%, it is **207.4090, 23.4624, 34.7213**.

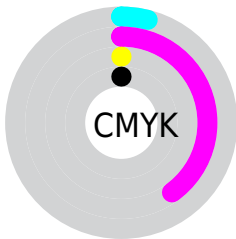
Distribution



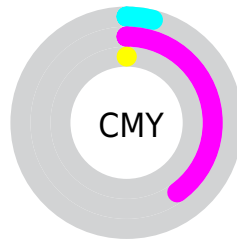
- Red (96%)
- Green (60%)
- Blue (100%)



- Red (96%)
- Yellow (60%)
- Blue (100%)



- Cyan (4%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.2500, 31.4288, 46.2617 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 191.2500, 31.4288, 46.2617 by changing the saturation by 10% instead.


 191.2500, 31.4288,
46.2617

 191.2500, 31.4288,
46.2617


255.0000, 0.0000,
0.0000


 163.4240, 30.8500,
45.2322


 227.4110, 13.6014,
24.1956


 135.7120, 30.7080,
44.1026

 244.4340, 5.2090,
9.2664

 108.8860, 30.1292,
43.0730

 82.0000, 30.5660,
42.9730

 52.7660, 32.1604,
44.9322

 33.5110, 28.8351,
38.1399

 23.3000, 22.0371,

25.1699

■ 13.6160, 15.9653,
12.6148

■ 3.3230, 10.1938,
-2.9143

■ 191.2500, 31.4288,
46.2617

■ 191.2500, 31.4288,
46.2617

■ 175.6780, 39.1057,
57.2874

■ 207.4090, 23.4624,
34.7213

■ 159.8180, 46.9247,
69.4426

■ 222.6820, 15.9328,
23.0809

■ 144.2460, 54.6017,
80.4683

■ 238.8410, 7.9664,
11.5404

■ 128.0870, 62.5681,
92.0087

■ 254.4130, 0.2894,
0.5148

■ 111.9280, 70.5345, 255.0000, 0.0000,
103.5491 0.0000

■ 97.2420, 77.7747,
114.6748

Harmonies

Analogous

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



182.3150, 35.8337, -13.4313



191.2500, 31.4288, 46.2617



178.9910, 10.8504, 66.6599

Triad

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



191.2500, 31.4288, 46.2617



180.0680, -56.7285, 42.0364



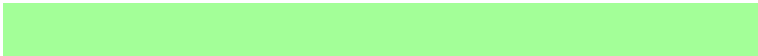
151.8380, 38.5339, -133.1619

Complementary

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



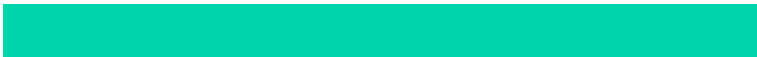
191.2500, 31.4288, 46.2617



215.7500, -31.4288, -46.2617

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.



144.5250, 13.0522, -126.7484



191.2500, 31.4288, 46.2617



175.1010, -50.3358, -1.8426

Square

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



191.2500, 31.4288, 46.2617



178.5330, -41.6748, 67.0616



165.2910, -25.2865, -56.3832



151.1660, 51.1902, -132.5726

Rectangle

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



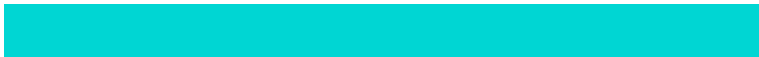
191.2500, 31.4288, 46.2617



173.9580, -5.8953, 71.0738



165.2910, -25.2865, -56.3832



149.6720, 30.2347, -131.2623

Sweetspot

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



191.2500, 31.4288, 46.2617



235.9060, 9.4133, 14.1144



170.7860, 41.5175, -16.4753



116.8360, 5.5039, 8.0368



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.



191.2500, 31.4288, 46.2617



179.4990, 37.2220, 54.8134



190.0930, 12.7722, 56.9234



119.7710, 4.0569, 5.4628



72.9030, 58.2218, 86.0311



24.3390, 19.5529, 28.6437

Inverse Universe

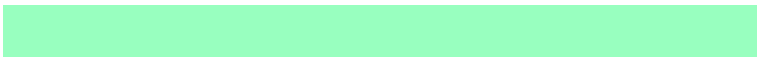
The Inverse Universe completely reimagines the original color for something new.



184.0510, -10.3781, 62.2223



170.9600, -12.3053, 73.7031



216.9070, -12.7722, -56.9234



119.0010, -1.4795, 7.8921



59.3890, -19.4188, 115.4228



19.9340, -6.3765, 38.6459

Previews

White Background



This preview shows how the YUV color 191.2500, 31.4288, 46.2617 looks on a white background.

Color Contrast Check

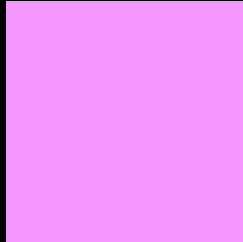
Large Text (above 18pt) WCAG AA × Fail

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 191.2500, 31.4288, 46.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

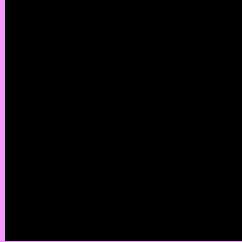
Any Text WCAG AA ✓ Pass

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 191.2500, 31.4288, 46.2617 Background



This preview shows how black text looks on a background with the YUV color 191.2500, 31.4288, 46.2617.



This preview shows how white text looks on a background with the YUV color 191.2500, 31.4288,

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

191.2500, 31.4288, 46.2617

Protanopia

186.1140, 33.9608, -19.3940

Deuteranopia

186.3380, 30.8924, -15.2054



Tritanopia

189.2160, -4.0505, 39.2756

Trichromacy



Original Color

191.2500, 31.4288, 46.2617



Protanomaly

187.7410, 33.1587, 4.6121



Deuteranomaly

188.1820, 30.9693, 6.8564

Tritanomaly

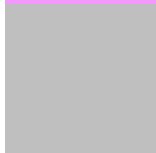
189.9680, 8.8898, 42.1241

Monochromacy



Original Color

191.2500, 31.4288, 46.2617



Achromatopsia

191.0000, 0.0000, 0.0000



Achromatomaly

191.0850, 11.2971, 16.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.2500, 31.4288, 46.2617 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(244, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 152, 255)  
}
```

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(244, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 152, 255) }
```

Border

The CSS property to change the border of an element to YUV 191.2500, 31.4288, 46.2617 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(244, 152, 255) }
```


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

```
.border{ border-color:rgb(244, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 152,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 191.2500, 31.4288, 46.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 152, 255) }
```

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

```
.background{ background-color: rgb(244,  
152, 255) }
```

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