

Converting Colors

YUV(193.2560, 28.9608,
44.5025)

Have a look what the booklet for
YUV(193.2560, 28.9608, 44.5025)
contains.

YUV(193.2560, 28.9608, 44.5025)	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(193.2560, 28.9608,
44.5025)**

Conversions

Conversions Part 1

Format	Color
Hex	F49CFC
RGB	244, 156, 252
RGB Percent	96%, 61%, 99%
CMY	0.0431, 0.3882, 0.0118
CMYK	0.03, 0.38, 0.00, 0.01
HSL	295°, 94%, 80%
HSV	295°, 38%, 99%
XYZ	66.7674, 50.0383, 98.2348
YIQ	193.2560, 21.6320, 48.5120

Conversions

Conversions Part 2

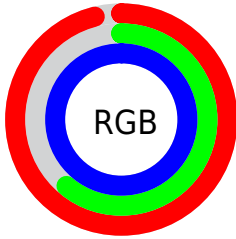
Format	Color
RYB	244, 156, 252
Decimal	16030972
CIELab	76.09, 47.52, -34.47
CIELCh	76, 58.709, 324.041
Yxy	50.0383, 0.3105, 0.2327
Android (android.graphics.Color)	4294221052 (0xFFFF49CFC)
YUV	193.2560, 28.9608, 44.5025
Hunter-Lab	70.7378, 44.6901, -32.8207

Details

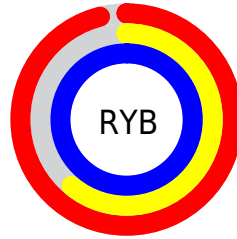
The YUV color **193.2560, 28.9608, 44.5025** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **214.7440, -28.9608, -44.5025**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **137.7180, 28.2400, 42.3433** is the 20% darker color. If you saturate the color by 10%, you get **177.9830, 36.4904, 56.1429**, and if you desaturate by 10%, it is **208.5290, 21.4312, 32.8621**.

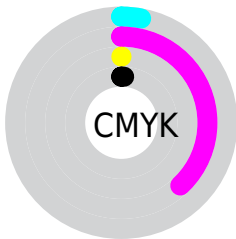
Distribution



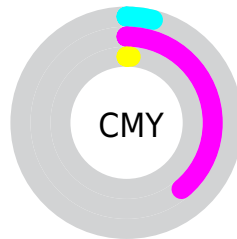
- Red (96%)
- Green (61%)
- Blue (99%)



- Red (96%)
- Yellow (61%)
- Blue (99%)



- Cyan (3%)
- Magenta (38%)
- Yellow (0%)
- Black (1%)





- Cyan (4%)
- Magenta (39%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2560, 28.9608, 44.5025 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 193.2560, 28.9608, 44.5025 by changing the saturation by 10% instead.


 193.2560, 28.9608,
44.5025


 193.2560, 28.9608,
44.5025


255.0000, 0.0000,
0.0000


 165.4300, 28.3820,
43.4729


 229.7590, 12.4438,
22.1364


 137.7180, 28.2400,
42.3433

 246.7820, 4.0515,
7.2072

 111.0060, 28.0980,
41.2137

 84.5930, 27.8087,
40.6989

 57.1200, 28.5348,
41.1138

 33.5820, 27.8141,
38.9546

 23.3710, 21.0161,

25.9846

■ 13.9860, 14.7969,
14.0443

■ 2.9810, 8.8834,
-2.6143

■ 193.2560, 28.9608,
44.5025

■ 193.2560, 28.9608,
44.5025

■ 177.9830, 36.4904,
56.1429

■ 208.5290, 21.4312,
32.8621

■ 162.7100, 44.0200,
67.7833

■ 223.8020, 13.9016,
21.2216

■ 146.8500, 51.8390,
79.9386

■ 239.6620, 6.0826,
9.0664

■ 131.5770, 59.3685,
91.5790

■ 253.7610, -0.8682,
-1.5444

■ 116.0050, 67.0455, 254.6580, -1.3104,
102.6046 0.2999

■ 100.7320, 74.5751,
114.2450

■ 97.7970, 76.0221,
116.8190

Harmonies

Analogous

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



185.2830, 34.3705, -10.7722



193.2560, 28.9608, 44.5025



181.9260, 9.4035, 64.0859

Triad

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



193.2560, 28.9608, 44.5025



182.9690, -53.2287, 39.4922



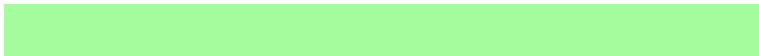
151.8380, 38.5339, -133.1619

Complementary

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



193.2560, 28.9608, 44.5025



214.7440, -28.9608, -44.5025

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.



145.5680, 14.5100, -127.6631



193.2560, 28.9608, 44.5025



178.0130, -46.8414, -2.6424

Square

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



193.2560, 28.9608, 44.5025



182.2660, -40.0641, 63.7877



169.0680, -23.6975, -52.6796



151.7530, 50.9008, -133.0874

Rectangle

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



193.2560, 28.9608, 44.5025



177.7080, -6.7580, 67.7851



169.0680, -23.6975, -52.6796



150.3730, 30.3821, -131.8771

Sweetspot

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



193.2560, 28.9608, 44.5025



237.9660, 8.3978, 13.1848



171.6400, 39.6175, -13.7163



117.4230, 5.2145, 7.5220



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.



193.2560, 28.9608, 44.5025



183.3310, 35.3328, 54.0837



191.0880, 10.3096, 53.4198



117.0700, 3.9095, 6.0776



73.2730, 57.0534, 87.4606



23.6980, 18.3899, 28.3289

Inverse Universe

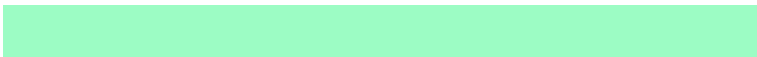
The Inverse Universe completely reimagines the original color for something new.



185.6160, -10.6567, 58.2188



174.0090, -13.3154, 71.0291



216.9120, -10.3096, -53.4198



116.0010, -1.4795, 7.8921



58.3350, -20.8712, 114.5932



18.8090, -6.8078, 37.0015

Previews

White Background



This preview shows how the YUV color 193.2560, 28.9608, 44.5025 looks on a white background.

Color Contrast Check

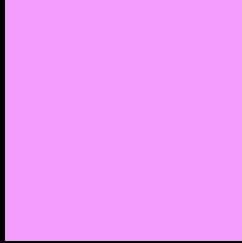
Large Text (above 18pt) WCAG AA × Fail

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 193.2560, 28.9608, 44.5025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

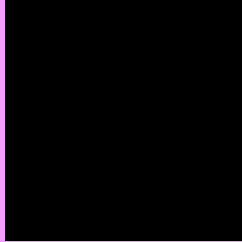
Any Text WCAG AA ✓ Pass

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 193.2560, 28.9608, 44.5025 Background



This preview shows how black text looks on a background with the YUV color 193.2560, 28.9608, 44.5025.



This preview shows how white text looks on a background with the YUV color 193.2560, 28.9608,

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

193.2560, 28.9608, 44.5025

Protanopia

188.1850, 32.9398, -18.5792

Deuteranopia

188.7790, 28.7030, -12.9612



Tritanopia

190.9170, -3.9031, 38.6608

Trichromacy



Original Color

193.2560, 28.9608, 44.5025



Protanomaly

189.9860, 31.5589, 4.3973



Deuteranomaly

190.0250, 29.0747, 7.8711



Tritanomaly

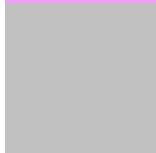
191.7290, 8.0216, 40.5797

Monochromacy



Original Color

193.2560, 28.9608, 44.5025



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.4440, 10.1341, 16.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2560, 28.9608, 44.5025 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, 156, 252)` looks like.

```
.text, #text, p{  
    color:rgb(244, 156, 252)  
}
```

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, 156, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 156, 252) }
```

Border

The CSS property to change the border of an element to YUV 193.2560, 28.9608, 44.5025 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, 156, 252) }
```


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

```
.border{ border-color:rgb(244, 156, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 156, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 156, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 156, 252);  
box-shadow:4px 4px 4px 4px rgb(244, 156,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 193.2560, 28.9608, 44.5025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 156, 252) }
```

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

```
.background{ background-color: rgb(244,  
156, 252) }
```

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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