

Converting Colors

YUV(194.7290, 28.2346,
44.0877)

Have a look what the booklet for
YUV(194.7290, 28.2346, 44.0877)
contains.

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Color

**YUV(194.7290, 28.2346,
44.0877)**

Conversions

Conversions Part 1

Format	Color
Hex	F59EFC
RGB	245, 158, 252
RGB Percent	96%, 62%, 99%
CMY	0.0392, 0.3804, 0.0118
CMYK	0.03, 0.37, 0.00, 0.01
HSL	296°, 94%, 80%
HSV	296°, 37%, 99%
XYZ	67.4537, 50.8945, 98.3639
YIQ	194.7290, 21.6780, 47.6780

Conversions

Conversions Part 2

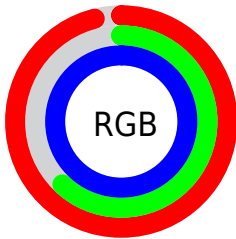
Format	Color
R_{YB}	245, 158, 252
Decimal	16097020
CIE _{Lab}	76.62, 46.79, -33.66
CIE _{LCh}	77, 57.637, 324.269
Yxy	50.8945, 0.3113, 0.2348
Android (android.graphics.Color)	4294287100 (0xFFFF59EFC)
YUV	194.7290, 28.2346, 44.0877
Hunter-Lab	71.3404, 43.9297, -31.8106

Details

The YUV color **194.7290, 28.2346, 44.0877** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **215.2710, -28.2346, -44.0877**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.9330, 11.8650, 21.1068**, and **139.1910, 27.5138, 41.9285** is the 20% darker color. If you saturate the color by 10%, you get **179.4560, 35.7642, 55.7281**, and if you desaturate by 10%, it is **210.0020, 20.7050, 32.4472**.

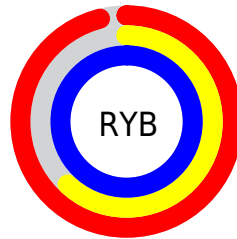
Distribution



Red (96%)

Green (62%)

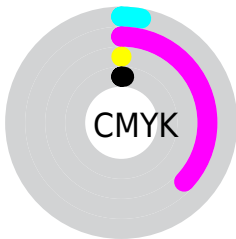
Blue (99%)



Red (96%)

Yellow (62%)

Blue (99%)

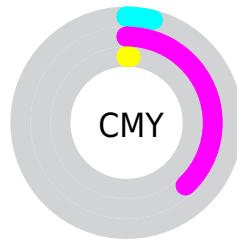


Cyan (3%)

Magenta (37%)

Yellow (0%)

Black (1%)



Cyan (4%)

Magenta (38%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 194.7290, 28.2346, 44.0877 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 194.7290, 28.2346, 44.0877 by changing the saturation by 10% instead.


 194.7290, 28.2346,
44.0877

 194.7290, 28.2346,
44.0877


255.0000, 0.0000,
0.0000


 166.9030, 27.6558,
43.0581


 230.9330, 11.8650,
21.1068


 139.1910, 27.5138,
41.9285

 247.9560, 3.4727,
6.1776

 112.4790, 27.3719,
40.7989

 86.6530, 26.7931,
39.7693

 59.1800, 27.5193,
40.1841

 33.8810, 27.6667,
39.5694

 23.6700, 20.8687,

26.5994

■ 14.2850, 14.6495,
14.6591

■ 3.0950, 9.3202,
-2.7143

■ 194.7290, 28.2346,
44.0877

■ 194.7290, 28.2346,
44.0877

■ 179.4560, 35.7642,
55.7281

■ 210.0020, 20.7050,
32.4472

■ 164.1830, 43.2938,
67.3685

■ 225.2750, 13.1754,
20.8068

■ 148.3230, 51.1128,
79.5237

■ 241.1350, 5.3564,
8.6516

■ 133.0500, 58.6423,
91.1641

■ 254.0600, -1.0156,
-0.9296

■ 118.0760, 66.0245, 254.3590, -1.1630,
103.4193 -0.3148

■ 102.8030, 73.5541, 254.6580, -1.3104,
115.0598 0.2999

■ 98.3950, 75.7273,
118.0486

Harmonies

Analogous

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



186.7670, 33.6389, -9.4427



194.7290, 28.2346, 44.0877



183.8010, 8.9721, 62.4415

Triad

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



194.7290, 28.2346, 44.0877



184.8980, -52.2077, 38.6775



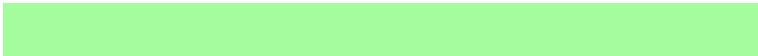
152.5390, 38.6813, -133.7767

Complementary

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



194.7290, 28.2346, 44.0877



215.2710, -28.2346, -44.0877

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.



146.3830, 15.0942, -128.3779



194.7290, 28.2346, 44.0877



179.6540, -45.6784, -2.3276

Square

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



194.7290, 28.2346, 44.0877



183.7820, -39.3325, 62.4582



170.5950, -22.9713, -52.2648



152.3400, 50.6114, -133.6022

Rectangle

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



194.7290, 28.2346, 44.0877



179.6970, -6.7526, 66.0407



170.5950, -22.9713, -52.2648



151.1880, 30.9663, -132.5919

Sweetspot

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



194.7290, 28.2346, 44.0877



237.9660, 8.3978, 13.1848



173.4120, 38.7439, -13.5163



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.



194.7290, 28.2346, 44.0877



184.8040, 34.6066, 53.6689



192.3760, 10.1676, 52.2902



117.0700, 3.9095, 6.0776



73.8710, 56.7586, 88.6901



23.9970, 18.2425, 28.9436

Inverse Universe

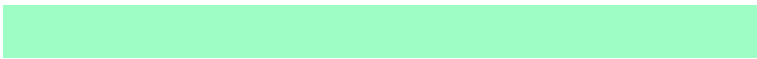
The Inverse Universe completely reimagines the original color for something new.



186.9040, -10.7987, 57.0892



175.4110, -13.0206, 69.7996



217.6240, -10.1676, -52.2902



116.0010, -1.4795, 7.8921



58.1070, -21.7448, 114.7932



18.8090, -6.8078, 37.0015

Previews

White Background



This preview shows how the YUV color 194.7290, 28.2346, 44.0877 looks on a white background.

Color Contrast Check

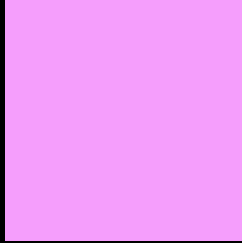
Large Text (above 18pt) WCAG AA × Fail

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 194.7290, 28.2346, 44.0877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

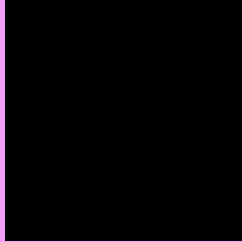
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.7290, 28.2346, 44.0877

Background



This preview shows how black text looks on a background with the YUV color 194.7290, 28.2346, 44.0877.

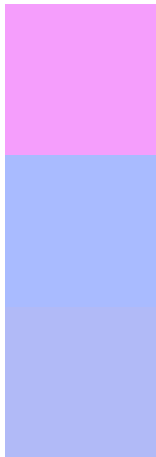


This preview shows how white text looks on a background with the YUV color 194.7290, 28.2346,

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

194.7290, 28.2346, 44.0877

Protanopia

189.3700, 32.3556, -17.8645

Deuteranopia

190.2630, 27.9713, -11.6317



Tritanopia

192.6180, -3.7557, 38.0460

Trichromacy



Original Color

194.7290, 28.2346, 44.0877



Protanomaly

191.1710, 30.9747, 5.1120



Deuteranomaly

192.0960, 28.0537, 8.6858



Tritanomaly

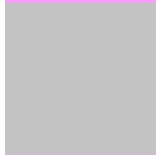
193.3160, 7.7322, 40.0649

Monochromacy



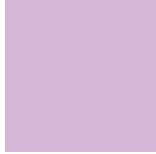
Original Color

194.7290, 28.2346, 44.0877



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.1450, 10.2815, 15.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.7290, 28.2346, 44.0877 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(245, 158, 252)` looks like.

```
.text, #text, p{  
    color:rgb(245, 158, 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(245, 158, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 158, 252) }
```

Border

The CSS property to change the border of an element to YUV 194.7290, 28.2346, 44.0877 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(245, 158, 252) }
```


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

```
.border{ border-color:rgb(245, 158, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 158, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 158, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 158, 252);  
box-shadow:4px 4px 4px 4px rgb(245, 158,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 194.7290, 28.2346, 44.0877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 158, 252) }
```

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

```
.background{ background-color: rgb(245,  
158, 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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