

Converting Colors

YUV(194.2700, -2.5981,
40.1052)

Have a look what the booklet for
YUV(194.2700, -2.5981, 40.1052)
contains.

YUV(194.2700, -2.5981, 40.1052)	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(194.2700, -2.5981,
40.1052)**

Conversions

Conversions Part 1

Format	Color
Hex	F0ACBD
RGB	240, 172, 189
RGB Percent	94%, 67%, 74%
CMY	0.0588, 0.3255, 0.2588
CMYK	0.00, 0.28, 0.21, 0.06
HSL	345°, 69%, 81%
HSV	345°, 28%, 94%
XYZ	59.8730, 51.7044, 54.9684
YIQ	194.2700, 35.0710, 19.7030

Conversions

Conversions Part 2

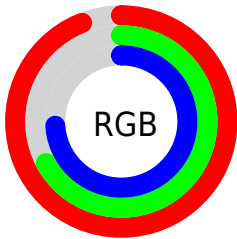
Format	Color
R _Y B	240, 172, 189
Decimal	15772861
CIE Lab	77.10, 27.31, 1.27
CIE LCh	77, 27.336, 2.670
Yxy	51.7044, 0.3595, 0.3105
Android (android.graphics.Color)	4293962941 (0xFF0ACBD)
YUV	194.2700, -2.5981, 40.1052
Hunter-Lab	71.9058, 22.7945, 5.0098

Details

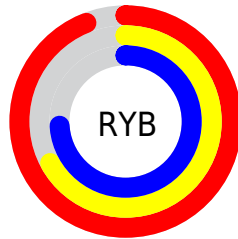
The YUV color $194.2700, -2.5981, 40.1052$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $217.7300, 2.5981, -40.1052$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.0110, 3.4456, 14.8994$, and $140.0740, -2.0085, 37.6461$ is the 20% darker color. If you saturate the color by 10%, you get $178.1300, -3.5151, 54.2600$, and if you desaturate by 10%, it is $210.4100, -1.6811, 25.9504$.

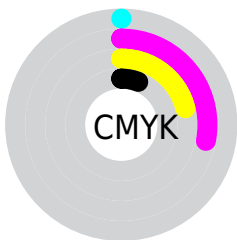
Distribution



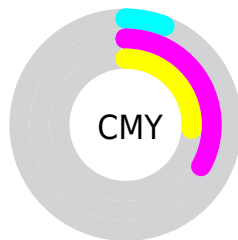
- Red (94%)
- Green (67%)
- Blue (74%)



- Red (94%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (28%)
- Yellow (21%)
- Black (6%)




- Cyan (6%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.2700, -2.5981, 40.1052 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 194.2700, -2.5981, 40.1052 by changing the saturation by 10% instead.


 194.2700, -2.5981,
40.1052


 194.2700, -2.5981,
40.1052


255.0000, 0.0000,
0.0000


 166.6720, -2.3033,
38.8757


 238.0110, 3.4456,
14.8994

 140.0740, -2.0085,
37.6461

 114.0630, -2.0031,
35.9017

 88.5790, -1.2714,
34.5722

 64.6820, -0.8292,
32.7279

 41.1980, -0.0976,
31.3984

 17.9420, 1.5076,

29.8689

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,
0.0000

■ 194.2700, -2.5981,
40.1052

■ 194.2700, -2.5981,
40.1052

■ 178.1300, -3.5151,
54.2600

■ 210.4100, -1.6811,
25.9504

■ 161.9900, -4.4321,
68.4148

■ 226.5500, -0.7641,
11.7957

■ 145.8500, -5.3490,
82.5696

■ 242.6900, 0.1528,
-2.3591

■ 129.7100, -6.2660,
96.7243

■ 250.5150, 2.2111,
-9.2217

■ 113.5700, -7.1830,
110.8791

■ 97.4300, -8.1000,
125.0339

■ 81.2900, -9.0170,
139.1887

■ 78.6000, -9.1698,
141.5478

Harmonies

Analogous

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



194.3960, 9.6648, 26.8397



194.2700, -2.5981, 40.1052



192.8930, -14.2442, 42.1898

Triad

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



194.2700, -2.5981, 40.1052



185.9180, -19.1866, -6.0671



182.4730, 25.8958, -46.0188

Complementary

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



194.2700, -2.5981, 40.1052



217.7300, 2.5981, -40.1052

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.



179.1700, 18.6502, -55.4001



194.2700, -2.5981, 40.1052



182.3480, -8.0596, -28.3692

Square

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



194.2700, -2.5981, 40.1052



188.7960, -24.0564, 15.9649



179.5980, 6.1142, -47.8824



188.5020, 25.3885, -23.2423

Rectangle

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



194.2700, -2.5981, 40.1052



191.6660, -20.0483, 37.1269



179.5980, 6.1142, -47.8824



180.9840, 24.1649, -50.8520

Sweetspot

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



194.2700, -2.5981, 40.1052



239.5610, -0.7696, 13.5400



195.0010, 22.1845, 24.5551



117.9410, -0.4639, 8.8217



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.



194.2700, -2.5981, 40.1052



196.5210, -3.2149, 51.2861



202.3110, -14.9433, 33.0533



111.9300, -0.4585, 7.0774



60.2600, -7.0302, 108.5200



18.3400, -2.1396, 33.0278

Inverse Universe

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



194.2700, -2.5981, 40.1052



196.5210, -3.2149, 51.2861



209.6890, 14.9433, -33.0533



111.9300, -0.4585, 7.0774



60.2600, -7.0302, 108.5200



18.3400, -2.1396, 33.0278

Previews

White Background



This preview shows how the YUV color 194.2700, -2.5981, 40.1052 looks on a white background.

Color Contrast Check

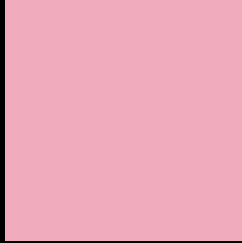
Large Text (above 18pt) WCAG AA × Fail

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 194.2700, -2.5981, 40.1052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

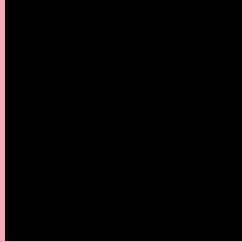
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.2700, -2.5981, 40.1052

Background



This preview shows how black text looks on a background with the YUV color 194.2700, -2.5981, 40.1052.



This preview shows how white text looks on a background with the YUV color 194.2700, -2.5981,

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

194.2700, -2.5981, 40.1052

Protanopia

191.6240, 3.6364, 0.3298

Deuteranopia

192.4150, -2.6696, 16.2990



Tritanopia

194.5150, -4.1979, 39.8903

Trichromacy



Original Color

194.2700, -2.5981, 40.1052

Protanomaly

192.1420, 1.4090, 14.7845

Deuteranomaly

193.4700, -2.6967, 25.0208

Tritanomaly

194.6290, -3.7611, 39.7904

Monochromacy



Original Color

194.2700, -2.5981, 40.1052

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.1590, -1.0644, 14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.2700, -2.5981, 40.1052 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, 172, 189)` looks like.

```
.text, #text, p{  
    color:rgb(240, 172, 189)  
}
```

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, 172, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 172, 189) }
```

Border

The CSS property to change the border of an element to YUV 194.2700, -2.5981, 40.1052 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, 172, 189) }
```


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

```
.border{ border-color:rgb(240, 172, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 172, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 172, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 172, 189);  
box-shadow:4px 4px 4px 4px rgb(240, 172,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 194.2700, -2.5981, 40.1052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 172, 189) }
```

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

```
.background{ background-color: rgb(240,  
172, 189) }
```

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