

Converting Colors

YUV(192.0420, 26.6013, 7.8562)

Have a look what the booklet for
YUV(192.0420, 26.6013, 7.8562)
contains.

YUV(192.0420, 26.6013, 7.8562)	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(192.0420, 26.6013,
7.8562)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B1F6
RGB	201, 177, 246
RGB Percent	79%, 69%, 96%
CMY	0.2118, 0.3059, 0.0353
CMYK	0.18, 0.28, 0.00, 0.04
HSL	261°, 79%, 83%
HSV	261°, 28%, 96%
XYZ	56.4441, 50.5156, 93.9643
YIQ	192.0420, -7.8450, 26.5470

Conversions

Conversions Part 2

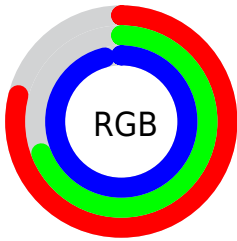
Format	Color
R _Y B	201, 177, 246
Decimal	13218294
CIE Lab	76.38, 22.06, -31.13
CIE LCh	76, 38.155, 305.326
Yxy	50.5156, 0.2809, 0.2514
Android (android.graphics.Color)	4291408374 (0xFFC9B1F6)
YUV	192.0420, 26.6013, 7.8562
Hunter-Lab	71.0743, 17.3767, -28.6327

Details

The YUV color **192.0420, 26.6013, 7.8562** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **230.9580, -26.6013, -7.8562**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **137.9880, 25.1489, 7.0265** is the 20% darker color. If you saturate the color by 10%, you get **172.5830, 36.1946, 10.8897**, and if you desaturate by 10%, it is **211.5010, 17.0080, 4.8226**.

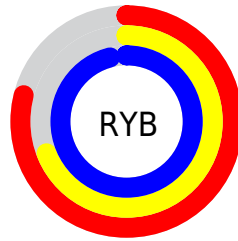
Distribution



Red (79%)

Green (69%)

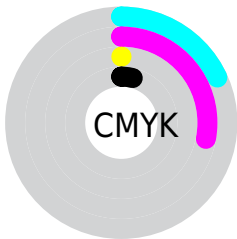
Blue (96%)



Red (79%)

Yellow (69%)

Blue (96%)

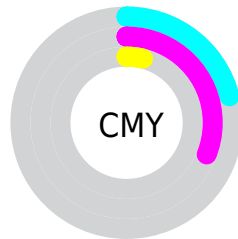


Cyan (18%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.0420, 26.6013, 7.8562 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 192.0420, 26.6013, 7.8562 by changing the saturation by 10% instead.

■ 192.0420, 26.6013,
7.8562

■ 192.0420, 26.6013,
7.8562

255.0000, 0.0000,
0.0000

■ 164.5150, 25.8751,
7.4413

■ 242.0860, 6.3666,
11.3256

■ 137.9880, 25.1489,
7.0265

■ 112.4610, 24.4227,
6.6117

■ 87.6350, 23.8439,
5.5821

■ 63.6950, 22.8284,
4.6525

■ 41.4560, 21.9602,
3.1081

■ 18.9180, 21.2394,

0.9489

■ 4.5600, 17.4719,
-3.9991

■ 2.5250, 7.1362,
-2.2144

■ 192.0420, 26.6013,
7.8562

■ 192.0420, 26.6013,
7.8562

■ 172.5830, 36.1946,
10.8897

■ 211.5010, 17.0080,
4.8226

■ 153.7110, 45.4985,
13.4085

■ 230.3730, 7.7041,
2.3039

■ 134.2520, 55.0918,
16.4420

■ 249.8320, -1.8892,
-0.7297

■ 115.3800, 64.3957,
18.9607

■ 253.9740, -3.9312,
0.8998

■ 95.9210, 73.9889,
21.9943

■ 76.4620, 83.5822,
25.0278

■ 57.5900, 92.8861,
27.5466

■ 53.7580, 94.7753,
28.2762

Harmonies

Analogous

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



185.1510, 34.4356, -31.7044



192.0420, 26.6013, 7.8562



193.5700, 12.5370, 38.9651

Triad

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



192.0420, 26.6013, 7.8562



188.1260, -31.1211, 41.9855



168.4310, 12.6055, -76.6770

Complementary

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



192.0420, 26.6013, 7.8562



230.9580, -26.6013, -7.8562

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.



176.0210, -8.8844, -43.8684



192.0420, 26.6013, 7.8562



185.4020, -33.2292, 18.0644

Square

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



192.0420, 26.6013, 7.8562



190.6730, -20.5448, 56.4148



181.2780, -25.2801, -11.6448



163.3590, 31.8680, -95.0308

Rectangle

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



192.0420, 26.6013, 7.8562



192.9710, 1.0003, 52.6454



181.2780, -25.2801, -11.6448



170.8470, 5.0054, -65.6408

Sweetspot

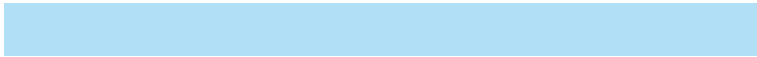
The Sweet Spot groups the original color and five complimentary colors.



192.0420, 26.6013, 7.8562



239.3730, 7.7041, 2.3039



211.8680, 16.8271, -30.5792



117.6780, 5.0887, 1.1594



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.



192.0420, 26.6013, 7.8562



186.8880, 33.5792, 9.7452



202.2080, 21.5895, 28.7586



112.5640, 4.6519, 1.2594



40.6390, 71.6630, 21.3646



12.7060, 22.8229, 6.3968

Inverse Universe

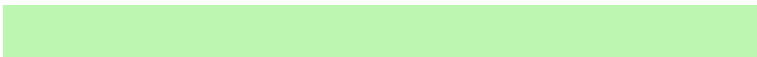
The Inverse Universe completely reimagines the original color for something new.



202.7610, 9.4848, 37.9206



200.5110, 12.0731, 47.7869



221.0910, -21.7369, -28.1438



114.5000, 1.7255, 6.5775



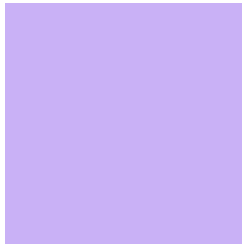
69.4080, 25.4349, 102.2512



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 192.0420, 26.6013, 7.8562 looks on a white background.

Color Contrast Check

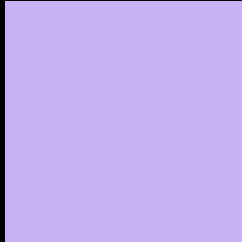
Large Text (above 18pt) WCAG AA × Fail

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 192.0420, 26.6013, 7.8562 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 192.0420, 26.6013, 7.8562

Background



This preview shows how black text looks on a background with the YUV color 192.0420, 26.6013, 7.8562.



This preview shows how white text looks on a background with the YUV color 192.0420, 26.6013, 7.8562.

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

192.0420, 26.6013, 7.8562

Protanopia

188.8540, 31.6240, -16.5350

Deuteranopia

189.3340, 26.9503, -10.8169



Tritanopia

189.6890, 5.0833, 2.9037

Trichromacy



Original Color

192.0420, 26.6013, 7.8562

Protanomaly

190.0400, 29.5603, -7.9281

Deuteranomaly

190.3780, 26.9286, -3.8395

Tritanomaly

190.7630, 12.9348, 4.5928

Monochromacy



Original Color

192.0420, 26.6013, 7.8562

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.2420, 9.7407, 2.4188

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.0420, 26.6013, 7.8562 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(201, 177, 246)` looks like.

```
.text, #text, p{  
    color:rgb(201, 177, 246)  
}
```

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(201, 177, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 177, 246) }
```

Border

The CSS property to change the border of an element to YUV 192.0420, 26.6013, 7.8562 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(201, 177, 246) }
```


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

```
.border{ border-color:rgb(201, 177, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 177, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 177, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 177, 246);  
box-shadow:4px 4px 4px 4px rgb(201, 177,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 192.0420, 26.6013, 7.8562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 177, 246) }
```

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

```
.background{ background-color: rgb(201,  
177, 246) }
```

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