

Converting Colors

YUV(204.2670, 18.6024, 6.7818)

Have a look what the booklet for
YUV(204.2670, 18.6024, 6.7818)
contains.

YUV(204.2670, 18.6024, 6.7818)	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(204.2670, 18.6024,
6.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C1F2
RGB	212, 193, 242
RGB Percent	83%, 76%, 95%
CMY	0.1686, 0.2431, 0.0510
CMYK	0.12, 0.20, 0.00, 0.05
HSL	263°, 65%, 85%
HSV	263°, 20%, 95%
XYZ	62.2484, 58.5478, 92.0244
YIQ	204.2670, -4.4050, 19.2670

Conversions

Conversions Part 2

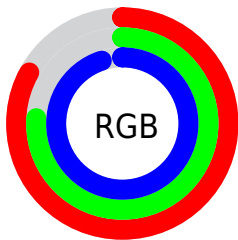
Format	Color
R _{YB}	212, 193, 242
Decimal	13943282
CIE _{Lab}	81.04, 15.92, -21.78
CIE _{LCh}	81, 26.980, 306.172
Yxy	58.5478, 0.2925, 0.2751
Android (android.graphics.Color)	4292133362 (0xFFD4C1F2)
YUV	204.2670, 18.6024, 6.7818
Hunter-Lab	76.5165, 11.3109, -17.7450

Details

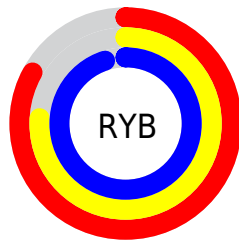
The YUV color **204.2670, 18.6024, 6.7818** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **230.7330, -18.6024, -6.7818**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4780, 1.7363, 3.0888**, and **149.7400, 17.8762, 6.3670** is the 20% darker color. If you saturate the color by 10%, you get **185.6940, 27.7589, 9.9154**, and if you desaturate by 10%, it is **222.8400, 9.4459, 3.6483**.

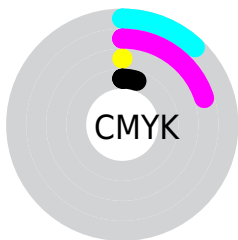
Distribution



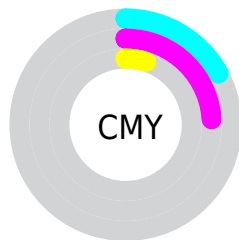
- Red (83%)
- Green (76%)
- Blue (95%)



- Red (83%)
- Yellow (76%)
- Blue (95%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)





- Cyan (17%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 204.2670, 18.6024, 6.7818 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 204.2670, 18.6024, 6.7818 by changing the saturation by 10% instead.

 204.2670, 18.6024,
6.7818


 204.2670, 18.6024,
6.7818


255.0000, 0.0000,
0.0000


 176.8540, 18.3130,
6.2670


 251.4780, 1.7363,
3.0888

 149.7400, 17.8762,
6.3670

 124.2130, 17.1500,
5.9522

 98.8000, 16.8606,
5.4374

 75.1590, 15.6976,
5.1226

 52.3330, 15.1188,
4.0930

 30.3930, 14.1033,

3.1633

■ 9.1160, 14.2398,
6.0373

■ 2.2970, 6.2626,
-2.0145

■ 204.2670, 18.6024,
6.7818

■ 204.2670, 18.6024,
6.7818

■ 185.6940, 27.7589,
9.9154

■ 222.8400, 9.4459,
3.6483

■ 167.1210, 36.9153,
13.0489

■ 241.4130, 0.2894,
0.5148

■ 148.2600, 46.2138,
17.3120

■ 253.5180, -5.6784,
1.2997

■ 129.6870, 55.3703,
20.4455

■ 111.1140, 64.5268,
23.5790

■ 92.5410, 73.6833,
26.7125

■ 73.9680, 82.8398,
29.8461

■ 55.6940, 91.8489,
33.5944

Harmonies

Analogous

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



200.4100, 24.9409, -19.6536



204.2670, 18.6024, 6.7818



205.6520, 8.0596, 28.3692

Triad

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



204.2670, 18.6024, 6.7818



202.2370, -22.7948, 31.3642



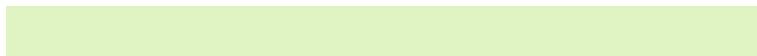
190.6410, 7.5720, -48.7972

Complementary

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



204.2670, 18.6024, 6.7818



230.7330, -18.6024, -6.7818

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.



193.3800, -6.5963, -31.0283



204.2670, 18.6024, 6.7818



199.4860, -23.9036, 13.6058

Square

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



204.2670, 18.6024, 6.7818



203.9530, -15.2598, 41.2602



196.8360, -18.1601, -8.6262



190.4090, 19.5184, -53.8557

Rectangle

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



204.2670, 18.6024, 6.7818



205.2420, -0.1193, 38.3758



196.8360, -18.1601, -8.6262



191.1210, 2.8983, -43.0791

Sweetspot

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



204.2670, 18.6024, 6.7818



243.5040, 5.6675, 2.1890



216.1960, 12.7214, -20.3429



120.9230, 3.4890, 0.9445



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.



204.2670, 18.6024, 6.7818



208.1300, 23.1069, 8.6560



211.4430, 15.0646, 21.5365



110.8630, 4.5045, 1.8741



42.2050, 69.9049, 25.2532



12.9620, 21.2177, 7.9263

Inverse Universe

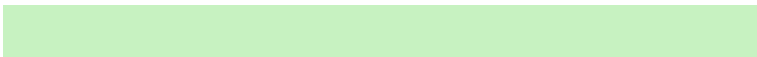
The Inverse Universe completely reimagines the original color for something new.



211.0710, 5.8810, 27.1247



216.4570, 7.1697, 33.8022



223.5570, -15.0646, -21.5365



112.3860, 1.2887, 6.6775



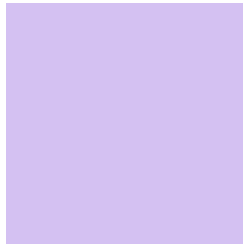
67.7840, 21.7985, 101.9214



20.6200, 6.5963, 31.0283

Previews

White Background



This preview shows how the YUV color 204.2670, 18.6024, 6.7818 looks on a white background.

Color Contrast Check

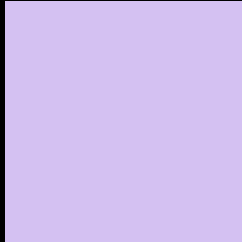
Large Text (above 18pt) WCAG AA × Fail

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 204.2670, 18.6024, 6.7818 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 204.2670, 18.6024, 6.7818

Background



This preview shows how black text looks on a background with the YUV color 204.2670, 18.6024, 6.7818.



This preview shows how white text looks on a background with the YUV color 204.2670, 18.6024,

6.7818.

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

204.2670, 18.6024, 6.7818

Protanopia

201.9660, 21.7088, -9.6172

Deuteranopia

203.2120, 18.6295, -1.9399



Tritanopia

202.5150, 5.6621, 3.9333

Trichromacy



Original Color

204.2670, 18.6024, 6.7818

Protanomaly

203.0700, 20.6715, -3.5694

Deuteranomaly

203.8210, 18.3292, 1.0340

Tritanomaly

203.0790, 10.3141, 5.1927

Monochromacy



Original Color

204.2670, 18.6024, 6.7818

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1450, 6.8305, 2.5038

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.2670, 18.6024, 6.7818 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(212, 193, 242)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 242)  
}
```

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(212, 193, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 242) }
```

Border

The CSS property to change the border of an element to YUV 204.2670, 18.6024, 6.7818 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(212, 193, 242) }
```


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

```
.border{ border-color:rgb(212, 193, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 193, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 242);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 204.2670, 18.6024, 6.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 242) }
```

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

```
.background{ background-color: rgb(212,  
193, 242) }
```

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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