

Converting Colors

YUV(204.6690, 18.8972, 5.5523)

Have a look what the booklet for
YUV(204.6690, 18.8972, 5.5523)
contains.

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Color

**YUV(204.6690, 18.8972,
5.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C2F3
RGB	211, 194, 243
RGB Percent	83%, 76%, 95%
CMY	0.1725, 0.2392, 0.0471
CMYK	0.13, 0.20, 0.00, 0.05
HSL	261°, 67%, 86%
HSV	261°, 20%, 95%
XYZ	62.3334, 58.9035, 92.8782
YIQ	204.6690, -5.5970, 18.8430

Conversions

Conversions Part 2

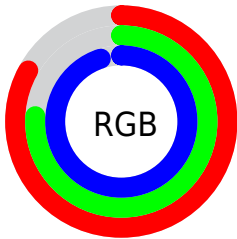
Format	Color
R _Y B	211, 194, 243
Decimal	13878003
CIE Lab	81.24, 15.28, -22.02
CIE LCh	81, 26.804, 304.745
Yxy	58.9035, 0.2911, 0.2751
Android (android.graphics.Color)	4292068083 (0xFFD3C2F3)
YUV	204.6690, 18.8972, 5.5523
Hunter-Lab	76.7486, 10.6634, -18.0264

Details

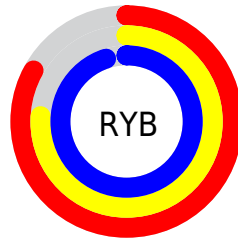
The YUV color $204.6690, 18.8972, 5.5523$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $232.3310, -18.8972, -5.5523$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1576, 2.0592$, and $150.1420, 18.1710, 5.1375$ is the 20% darker color. If you saturate the color by 10%, you get $185.7970, 28.2011, 8.0710$, and if you desaturate by 10%, it is $223.5410, 9.5933, 3.0335$.

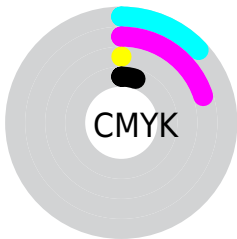
Distribution



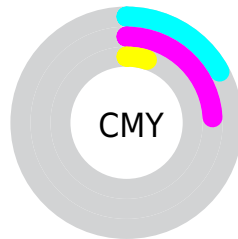
- Red (83%)
- Green (76%)
- Blue (95%)



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



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)





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

Brightness & Saturation Gradients


These gradients show how the YUV color 204.6690, 18.8972, 5.5523 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 204.6690, 18.8972, 5.5523 by changing the saturation by 10% instead.


 204.6690, 18.8972,
5.5523


 204.6690, 18.8972,
5.5523


255.0000, 0.0000,
0.0000


 177.2560, 18.6078,
5.0375


 252.6520, 1.1576,
2.0592

 150.1420, 18.1710,
5.1375

 124.6150, 17.4448,
4.7226

 99.0880, 16.7186,
4.3078

 75.5610, 15.9924,
3.8930

 52.1480, 15.7030,
3.3782

 30.7950, 14.3981,

1.9338

■ 8.9310, 14.8240,
5.3225

■ 2.4110, 6.6994,
-2.1144

■ 204.6690, 18.8972,
5.5523

■ 204.6690, 18.8972,
5.5523

■ 185.7970, 28.2011,
8.0710

■ 223.5410, 9.5933,
3.0335

■ 166.3380, 37.7944,
11.1046

■ 243.0000, 0.0000,
0.0000

■ 147.4660, 47.0983,
13.6233

■ 253.6320, -5.2416,
1.1997

■ 128.8930, 56.2548,
16.7568

■ 110.0210, 65.5586,
19.2756

■ 90.5620, 75.1519,
22.3091

■ 71.6900, 84.4558,
24.8279

■ 52.8180, 93.7597,
27.3466

Harmonies

Analogous

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



200.6980, 24.7989, -20.7831



204.6690, 18.8972, 5.5523



206.4670, 8.6438, 27.6544

Triad

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



204.6690, 18.8972, 5.5523



202.6500, -22.5055, 31.8789



191.1250, 6.8404, -47.4676

Complementary

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



204.6690, 18.8972, 5.5523



232.3310, -18.8972, -5.5523

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.



193.9780, -6.8912, -29.7987



204.6690, 18.8972, 5.5523



199.8990, -23.6142, 14.1206

Square

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



204.6690, 18.8972, 5.5523



204.3660, -14.9704, 41.7750



197.4340, -18.4550, -7.3966



191.1810, 18.6448, -53.6557

Rectangle

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



204.6690, 18.8972, 5.5523



206.0570, 0.4649, 37.6610



197.4340, -18.4550, -7.3966



192.1920, 1.8773, -42.2644

Sweetspot

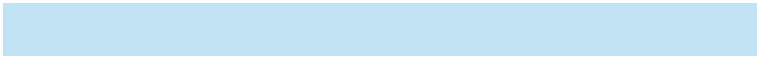
The Sweet Spot groups the original color and five complimentary colors.



204.6690, 18.8972, 5.5523



243.2050, 5.8149, 1.5742



218.9570, 11.8532, -21.8873



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.



204.6690, 18.8972, 5.5523



207.2330, 23.5491, 6.8117



211.8450, 15.3594, 20.3069



112.5640, 4.6519, 1.2594



40.6390, 71.6630, 21.3646



12.7060, 22.8229, 6.3968

Inverse Universe

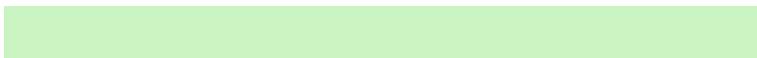
The Inverse Universe completely reimagines the original color for something new.



212.2990, 6.7546, 26.9248



216.7990, 8.4801, 33.5023



225.1550, -15.3594, -20.3069



114.5000, 1.7255, 6.5775



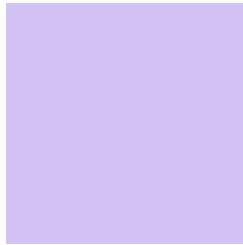
69.5220, 25.8717, 102.1512



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 204.6690, 18.8972, 5.5523 looks on a white background.

Color Contrast Check

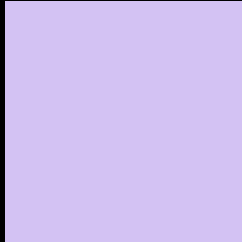
Large Text (above 18pt) WCAG AA × Fail

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 204.6690, 18.8972, 5.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

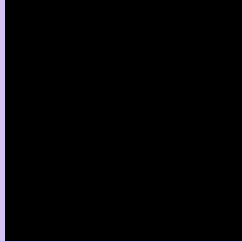
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.6690, 18.8972, 5.5523

Background



This preview shows how black text looks on a background with the YUV color 204.6690, 18.8972, 5.5523.

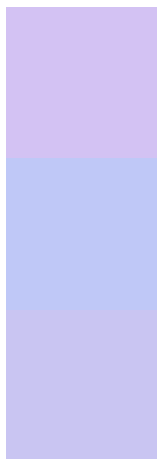


This preview shows how white text looks on a background with the YUV color 204.6690, 18.8972,

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

204.6690, 18.8972, 5.5523

Protanopia

202.6670, 21.8562, -10.2320

Deuteranopia

203.3260, 19.0663, -2.0399



Tritanopia

202.9170, 5.9569, 2.7038

Trichromacy



Original Color

204.6690, 18.8972, 5.5523

Protanomaly

203.4720, 20.9663, -4.7989

Deuteranomaly

203.9350, 18.7660, 0.9340

Tritanomaly

203.4810, 10.6089, 3.9632

Monochromacy



Original Color

204.6690, 18.8972, 5.5523

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.8460, 6.9779, 1.8891

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6690, 18.8972, 5.5523 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(211, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(211, 194, 243)  
}
```

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(211, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 194, 243) }
```

Border

The CSS property to change the border of an element to YUV 204.6690, 18.8972, 5.5523 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(211, 194, 243) }
```


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

```
.border{ border-color:rgb(211, 194, 243) }
```

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

Here you see how a box with a 4 pixel rgb(211, 194, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(211, 194,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 204.6690, 18.8972, 5.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 194, 243) }
```

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

```
.background{ background-color: rgb(211,  
194, 243) }
```

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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