

Converting Colors

YUV(195.6690, 18.8972, 5.5523)

Have a look what the booklet for
YUV(195.6690, 18.8972, 5.5523)
contains.

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Color

**YUV(195.6690, 18.8972,
5.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB9EA
RGB	202, 185, 234
RGB Percent	79%, 73%, 92%
CMY	0.2078, 0.2745, 0.0824
CMYK	0.14, 0.21, 0.00, 0.08
HSL	261°, 54%, 82%
HSV	261°, 21%, 92%
XYZ	56.5574, 53.1950, 85.1287
YIQ	195.6690, -5.5970, 18.8430

Conversions

Conversions Part 2

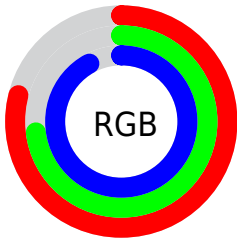
Format	Color
R _Y B	202, 185, 234
Decimal	13285866
CIE Lab	77.99, 15.42, -22.20
CIE LCh	78, 27.028, 304.794
Yxy	53.1950, 0.2902, 0.2730
Android (android.graphics.Color)	4291475946 (0xFFCAB9EA)
YUV	195.6690, 18.8972, 5.5523
Hunter-Lab	72.9349, 10.7818, -18.1481

Details

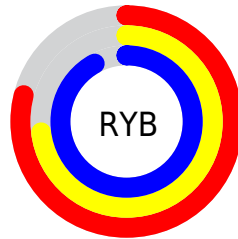
The YUV color **195.6690, 18.8972, 5.5523** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **223.3310, -18.8972, -5.5523**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7820, 4.0515, 7.2072**, and **142.0280, 17.7342, 5.2374** is the 20% darker color. If you saturate the color by 10%, you get **177.6830, 27.7643, 8.1710**, and if you desaturate by 10%, it is **213.6550, 10.0301, 2.9336**.

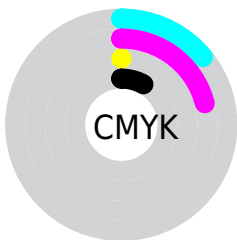
Distribution



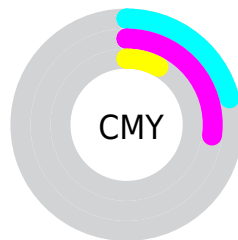
- Red (79%)
- Green (73%)
- Blue (92%)



- Red (79%)
- Yellow (73%)
- Blue (92%)



- Cyan (14%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)



- Cyan (21%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.6690, 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 195.6690, 18.8972, 5.5523 by changing the saturation by 10% instead.

■ 195.6690, 18.8972,
5.5523

■ 195.6690, 18.8972,
5.5523

255.0000, 0.0000,
0.0000

■ 168.2560, 18.6078,
5.0375

■ 246.7820, 4.0515,
7.2072

■ 142.0280, 17.7342,
5.2374

■ 116.2020, 17.1554,
4.2078

■ 91.0880, 16.7186,
4.3078

■ 67.5610, 15.9924,
3.8930

■ 45.0340, 15.2662,
3.4782

■ 23.7950, 14.3981,

1.9338

■ 3.6480, 13.9775,
-3.1993

■ 0.4560, 1.7472,
-0.3999

■ 195.6690, 18.8972,
5.5523

■ 195.6690, 18.8972,
5.5523

■ 177.6830, 27.7643,
8.1710

■ 213.6550, 10.0301,
2.9336

■ 158.8110, 37.0682,
10.6898

■ 232.5270, 0.7262,
0.4148

■ 140.8250, 45.9353,
13.3085

■ 250.5130, -8.1409,
-2.2039

■ 122.2520, 55.0918,
16.4420

■ 252.6060, -9.1728,
2.0995

■ 104.2660, 63.9589,
19.0607

■ 85.9810, 72.9734,
21.0647

■ 67.4080, 82.1299,
24.1982

■ 50.8950, 90.2708,
26.4021

Harmonies

Analogous

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



191.6980, 24.7989, -20.7831



195.6690, 18.8972, 5.5523



197.4670, 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.



195.6690, 18.8972, 5.5523



193.6500, -22.5054, 31.8790



182.1250, 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.



195.6690, 18.8972, 5.5523



223.3310, -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.



184.9780, -6.8912, -29.7987



195.6690, 18.8972, 5.5523



190.8990, -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.



195.6690, 18.8972, 5.5523



195.0670, -14.8230, 41.1602



188.4340, -18.4550, -7.3966



181.9960, 19.2290, -54.3705

Rectangle

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



195.6690, 18.8972, 5.5523



197.0570, 0.4649, 37.6610



188.4340, -18.4550, -7.3966



182.8930, 2.0248, -42.8792

Sweetspot

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



195.6690, 18.8972, 5.5523



243.2050, 5.8149, 1.5742



209.9570, 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.



195.6690, 18.8972, 5.5523



204.8740, 24.7121, 7.1265



202.8450, 15.3594, 20.3069



108.4500, 4.2152, 1.3594



39.4710, 69.7738, 20.6349



11.8370, 20.7864, 6.2820

Inverse Universe

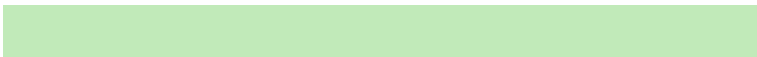
The Inverse Universe completely reimagines the original color for something new.



203.2990, 6.7546, 26.9248



214.9240, 8.9115, 35.1467



216.1550, -15.3594, -20.3069



110.0870, 1.4361, 6.0627



67.5710, 24.8615, 99.4772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 195.6690, 18.8972, 5.5523 looks on a white background.

Color Contrast Check

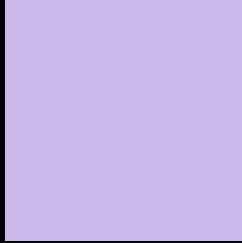
Large Text (above 18pt) WCAG AA × Fail

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 195.6690, 18.8972, 5.5523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

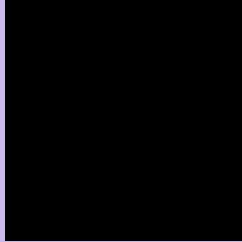
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.6690, 18.8972, 5.5523

Background



This preview shows how black text looks on a background with the YUV color 195.6690, 18.8972, 5.5523.



This preview shows how white text looks on a background with the YUV color 195.6690, 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

195.6690, 18.8972, 5.5523

Protanopia

193.6670, 21.8562, -10.2320

Deuteranopia

194.6140, 18.9243, -3.1695



Tritanopia

193.8030, 5.5201, 2.8038

Trichromacy



Original Color

195.6690, 18.8972, 5.5523

Protanomaly

194.4720, 20.9663, -4.7989

Deuteranomaly

195.2230, 18.6241, -0.1956

Tritanomaly

194.4810, 10.6089, 3.9632

Monochromacy



Original Color

195.6690, 18.8972, 5.5523

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.8460, 6.9779, 1.8891

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.6690, 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(202, 185, 234)` looks like.

```
.text, #text, p{  
    color:rgb(202, 185, 234)  
}
```

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(202, 185, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 185, 234) }
```

Border

The CSS property to change the border of an element to YUV 195.6690, 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(202, 185, 234) }
```


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

```
.border{ border-color:rgb(202, 185, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 185, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 185, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 185, 234);  
box-shadow:4px 4px 4px 4px rgb(202, 185,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 195.6690, 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(202, 185, 234) }
```

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

```
.background{ background-color: rgb(202,  
185, 234) }
```

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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