

Converting Colors

YUV(195.0700, 20.6715,
-3.5694)

Have a look what the booklet for
YUV(195.0700, 20.6715, -3.5694)
contains.

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Color

**YUV(195.0700, 20.6715,
-3.5694)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBDED
RGB	191, 189, 237
RGB Percent	75%, 74%, 93%
CMY	0.2510, 0.2588, 0.0706
CMYK	0.19, 0.20, 0.00, 0.07
HSL	242°, 57%, 84%
HSV	242°, 20%, 93%
XYZ	54.9695, 53.5860, 87.5667
YIQ	195.0700, -14.2160, 15.3520

Conversions

Conversions Part 2

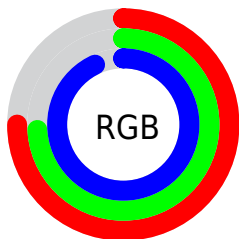
Format	Color
RYB	191, 189, 237
Decimal	12565997
CIELab	78.22, 10.46, -23.54
CIELCh	78, 25.761, 293.956
Yxy	53.5860, 0.2803, 0.2732
Android (android.graphics.Color)	4290756077 (0xFFFBFBDED)
YUV	195.0700, 20.6715, -3.5694
Hunter-Lab	73.2024, 5.9358, -19.6825

Details

The YUV color $195.0700, 20.6715, -3.5694$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.9300, -20.6715, 3.5694$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.0370, 3.9258, 0.8446$, and $141.4290, 19.5085, -3.8842$ is the 20% darker color. If you saturate the color by 10%, you get $174.1050, 31.0072, -5.3541$, and if you desaturate by 10%, it is $216.0350, 10.3357, -1.7847$.

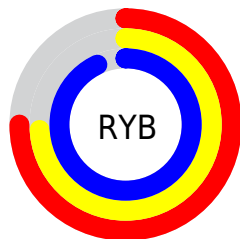
Distribution



Red (75%)

Green (74%)

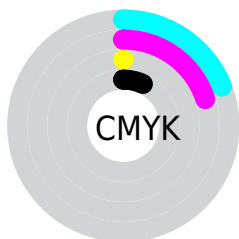
Blue (93%)



Red (75%)

Yellow (74%)

Blue (93%)

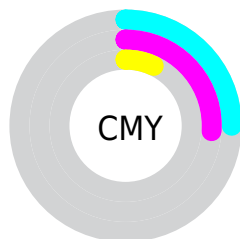


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.0700, 20.6715, -3.5694 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 195.0700, 20.6715, -3.5694 by changing the saturation by 10% instead.

■ 195.0700, 20.6715,
-3.5694

■ 195.0700, 20.6715,
-3.5694

255.0000, 0.0000,
0.0000

■ 167.9560, 20.2347,
-3.4694

■ 247.0370, 3.9258,
0.8446

■ 141.4290, 19.5085,
-3.8842

■ 115.3150, 19.0717,
-3.7843

■ 90.7880, 18.3455,
-4.1991

■ 67.2610, 17.6193,
-4.6139

■ 44.4350, 17.0405,
-5.6435

■ 22.7830, 15.8830,

-7.7027

■ 3.8760, 14.8511,
-3.3993

■ 0.9120, 3.4944,
-0.7998

■ 195.0700, 20.6715,
-3.5694

■ 195.0700, 20.6715,
-3.5694

■ 174.1050, 31.0072,
-5.3541

■ 216.0350, 10.3357,
-1.7847

■ 154.0260, 40.9062,
-7.0388

■ 236.1140, 0.4368,
-0.1000

■ 133.0610, 51.2419,
-8.8235

■ 252.9480, -7.8624,
1.7996

■ 112.0960, 61.5777,
-10.6082

■ 91.7180, 71.6240,
-12.9077

■ 71.0520, 81.8124,
-14.0776

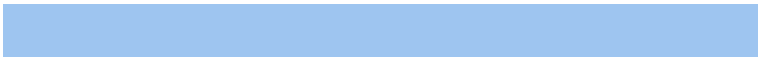
■ 50.0870, 92.1481,
-15.8623

■ 30.0080, 102.0471,
-17.5470

Harmonies

Analogous

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



190.2410, 24.5312, -28.2754



195.0700, 20.6715, -3.5694



197.3350, 12.1598, 19.8772

Triad

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



195.0700, 20.6715, -3.5694



194.5840, -19.0219, 34.5678



184.5020, 1.7245, -39.9053

Complementary

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



195.0700, 20.6715, -3.5694



230.9300, -20.6715, 3.5694

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.



187.5940, -11.1388, -20.6919



195.0700, 20.6715, -3.5694



192.7580, -23.0517, 20.3832

Square

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



195.0700, 20.6715, -3.5694



196.5060, -10.6025, 40.7752



190.3210, -20.3713, 0.5955



183.0520, 14.2714, -50.9116

Rectangle

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



195.0700, 20.6715, -3.5694



197.7510, 4.5598, 30.9134



190.3210, -20.3713, 0.5955



184.9820, -2.9491, -34.1872

Sweetspot

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



195.0700, 20.6715, -3.5694



241.7100, 6.5520, -1.4997



221.4740, 7.6543, -28.4797



120.0260, 3.9312, -0.8998



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.



195.0700, 20.6715, -3.5694



201.5520, 26.3499, -4.8691



202.2460, 17.1337, 11.1853



107.2540, 4.8048, -1.0998



23.0260, 77.8812, -13.1778



6.7540, 23.2923, -4.1693

Inverse Universe

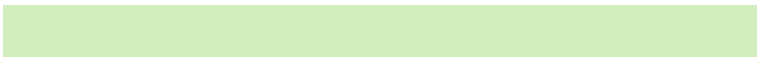
The Inverse Universe completely reimagines the original color for something new.



208.5960, 13.0172, 24.9103



218.8510, 16.3425, 31.7027



223.7540, -17.1337, -11.1853



110.5430, 3.1833, 5.6628



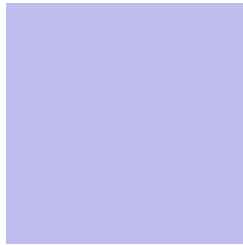
73.9550, 49.3222, 93.8785



21.9600, 14.3167, 28.0991

Previews

White Background



This preview shows how the YUV color 195.0700, 20.6715, -3.5694 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 195.0700, 20.6715, -3.5694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

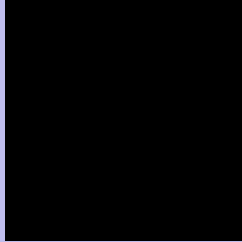
Any Text WCAG AA ✓ Pass

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 195.0700, 20.6715, -3.5694 Background



This preview shows how black text looks on a background with the YUV color 195.0700, 20.6715, -3.5694.



This preview shows how white text looks on a background with the YUV color 195.0700, 20.6715, -3.5694.

-3.5694.

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

195.0700, 20.6715, -3.5694

Protanopia

193.7810, 22.2930, -10.3319

Deuteranopia

194.7710, 20.8189, -4.1842



Tritanopia

193.3180, 7.7312, -6.4179

Trichromacy



Original Color

195.0700, 20.6715, -3.5694

Protanomaly

193.9770, 21.7033, -7.8728

Deuteranomaly

194.7710, 20.8189, -4.1842

Tritanomaly

193.8820, 12.3832, -5.1585

Monochromacy



Original Color

195.0700, 20.6715, -3.5694

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.2370, 7.2782, -1.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.0700, 20.6715, -3.5694 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(191, 189, 237)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 237)  
}
```

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(191, 189, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 237) }
```

Border

The CSS property to change the border of an element to YUV 195.0700, 20.6715, -3.5694 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(191, 189, 237) }
```


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

```
.border{ border-color:rgb(191, 189, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 189, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 237);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 195.0700, 20.6715, -3.5694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 237) }
```

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

```
.background{ background-color: rgb(191,  
189, 237) }
```

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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