

Converting Colors

YUV(195.7680, 11.9464,
-5.0585)

Have a look what the booklet for
YUV(195.7680, 11.9464, -5.0585)
contains.

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Color

**YUV(195.7680, 11.9464,
-5.0585)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC2DC
RGB	190, 194, 220
RGB Percent	75%, 76%, 86%
CMY	0.2549, 0.2392, 0.1373
CMYK	0.14, 0.12, 0.00, 0.14
HSL	232°, 30%, 80%
HSV	232°, 14%, 86%
XYZ	53.4453, 54.6980, 75.4511
YIQ	195.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

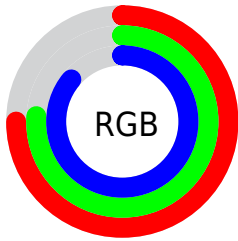
Format	Color
RYB	190, 194, 220
Decimal	12501724
CIELab	78.87, 3.78, -13.42
CIELCh	79, 13.942, 285.745
Yxy	54.6980, 0.2911, 0.2979
Android (android.graphics.Color)	4290691804 (0xFFBEC2DC)
YUV	195.7680, 11.9464, -5.0585
Hunter-Lab	73.9581, -0.4351, -8.7162

Details

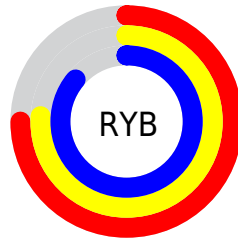
The YUV color **195.7680, 11.9464, -5.0585** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **214.2320, -11.9464, 5.0585**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3740, 2.7736, -2.9590**, and **141.6540, 11.5096, -4.9586** is the 20% darker color. If you saturate the color by 10%, you get **178.0370, 20.6878, -8.8024**, and if you desaturate by 10%, it is **213.4990, 3.2050, -1.3146**.

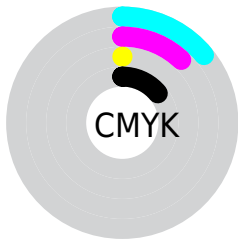
Distribution



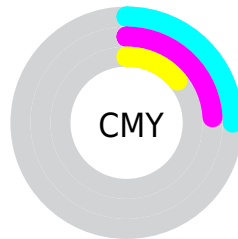
- Red (75%)
- Green (76%)
- Blue (86%)



- Red (75%)
- Yellow (76%)
- Blue (86%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.7680, 11.9464, -5.0585 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 195.7680, 11.9464, -5.0585 by changing the saturation by 10% instead.

■ 195.7680, 11.9464,
-5.0585

■ 195.7680, 11.9464,
-5.0585

255.0000, 0.0000,
0.0000

■ 168.6540, 11.5096,
-4.9586

■ 249.3740, 2.7736,
-2.9590

■ 141.6540, 11.5096,
-4.9586

■ 116.5400, 11.0728,
-4.8586

■ 91.4260, 10.6360,
-4.7586

■ 68.3120, 10.1992,
-4.6586

■ 45.7850, 9.4730,
-5.0734

■ 24.6710, 9.0362,

-4.9735

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 195.7680, 11.9464,
-5.0585

■ 195.7680, 11.9464,
-5.0585

■ 178.0370, 20.6878,
-8.8024

■ 213.4990, 3.2050,
-1.3146

■ 160.3060, 29.4291,
-12.5464

■ 231.2300, -5.5364,
2.4293

■ 142.5750, 38.1705,
-16.2903

■ 248.6620,
-14.1304, 5.5584

■ 124.8440, 46.9119,
-20.0342

■ 251.0100,
-15.2879, 3.4992

■ 107.1130, 55.6533,
-23.7781

■ 89.3820, 64.3947,
-27.5220

■ 71.6510, 73.1361,
-31.2659

■ 53.3330, 82.1668,
-34.4950

■ 42.1030, 87.7032,
-36.9243

Harmonies

Analogous

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



193.3320, 13.1473, -16.9542



195.7680, 11.9464, -5.0585



197.4060, 7.6878, 7.5369

Triad

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



195.7680, 11.9464, -5.0585



197.2000, -9.9586, 20.8726



190.8360, -1.3981, -18.2732

Complementary

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



195.7680, 11.9464, -5.0585



214.2320, -11.9464, 5.0585

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.



192.5940, -7.6878, -7.5369



195.7680, 11.9464, -5.0585



195.4720, -12.5577, 14.4951

Square

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



195.7680, 11.9464, -5.0585



197.9920, -4.4331, 21.9320



194.2210, -11.9410, 3.3142



190.9260, 5.4595, -24.4911

Rectangle

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



195.7680, 11.9464, -5.0585



198.1250, 3.8824, 14.7994



194.2210, -11.9410, 3.3142



191.5760, -3.7350, -15.4142

Sweetspot

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



195.7680, 11.9464, -5.0585



246.7270, 4.0786, -1.5146



210.5740, 2.6750, -18.0434



122.3850, 2.7682, -1.2146



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.



195.7680, 11.9464, -5.0585



222.1960, 16.1724, -7.1879



196.7090, 11.4825, 3.7632



100.8410, 4.5154, -1.6146



33.2230, 68.9101, -29.1366



8.7660, 18.3564, -7.6878

Inverse Universe

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



199.4260, -2.6750, 18.0434



226.9430, -3.4229, 24.6060



213.2910, -11.4825, -3.7632



102.4030, -1.1847, 6.6626



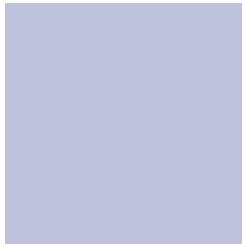
54.3490, -15.4551, 104.0569



14.4380, -4.1599, 27.6799

Previews

White Background



This preview shows how the YUV color 195.7680, 11.9464, -5.0585 looks on a white background.

Color Contrast Check

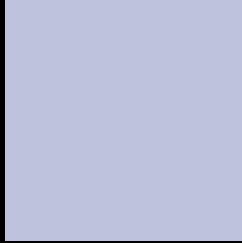
Large Text (above 18pt) WCAG AA × Fail

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 195.7680, 11.9464, -5.0585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

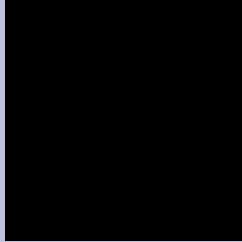
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.7680, 11.9464, -5.0585

Background



This preview shows how black text looks on a background with the YUV color 195.7680, 11.9464, -5.0585.



This preview shows how white text looks on a background with the YUV color 195.7680, 11.9464, -5.0585.

-5.0585.

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

195.7680, 11.9464, -5.0585

Protanopia

196.0670, 11.7990, -4.4438

Deuteranopia

197.1220, 11.7719, 4.2780



Tritanopia

195.3180, 7.7312, -6.4179

Trichromacy



Original Color

195.7680, 11.9464, -5.0585

Protanomaly

196.0670, 11.7990, -4.4438

Deuteranomaly

196.5130, 12.0721, 1.3041

Tritanomaly

195.3720, 9.1836, -5.5882

Monochromacy



Original Color

195.7680, 11.9464, -5.0585

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.7680, 11.9464, -5.0585 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(190, 194, 220)` looks like.

```
.text, #text, p{  
    color:rgb(190, 194, 220)  
}
```

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(190, 194, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 194, 220) }
```

Border

The CSS property to change the border of an element to YUV 195.7680, 11.9464, -5.0585 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(190, 194, 220) }
```


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

```
.border{ border-color:rgb(190, 194, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 194, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 194, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 194, 220);  
box-shadow:4px 4px 4px 4px rgb(190, 194,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 195.7680, 11.9464, -5.0585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 194, 220) }
```

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

```
.background{ background-color: rgb(190,  
194, 220) }
```

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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