

Converting Colors

YUV(193.5550, 18.4604, 5.6523)

Have a look what the booklet for
YUV(193.5550, 18.4604, 5.6523)
contains.

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Color

**YUV(193.5550, 18.4604,
5.6523)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B7E7
RGB	200, 183, 231
RGB Percent	78%, 72%, 91%
CMY	0.2157, 0.2824, 0.0941
CMYK	0.13, 0.21, 0.00, 0.09
HSL	261°, 50%, 81%
HSV	261°, 21%, 91%
XYZ	55.1767, 51.9159, 82.7139
YIQ	193.5550, -5.2760, 18.5320

Conversions

Conversions Part 2

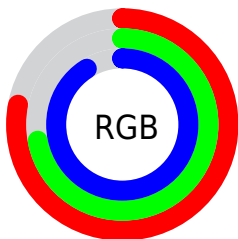
Format	Color
R _Y B	200, 183, 231
Decimal	13154279
CIE Lab	77.23, 15.25, -21.75
CIE LCh	77, 26.559, 305.034
Yxy	51.9159, 0.2907, 0.2735
Android (android.graphics.Color)	4291344359 (0xFFC8B7E7)
YUV	193.5550, 18.4604, 5.6523
Hunter-Lab	72.0527, 10.6001, -17.6260

Details

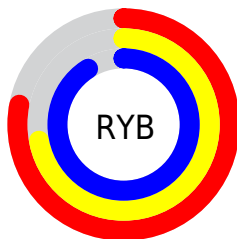
The YUV color **193.5550, 18.4604, 5.6523** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **220.4450, -18.4604, -5.6523**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.6080, 4.6303, 8.2368**, and **139.9140, 17.2974, 5.3374** is the 20% darker color. If you saturate the color by 10%, you get **175.5690, 27.3275, 8.2710**, and if you desaturate by 10%, it is **211.5410, 9.5933, 3.0335**.

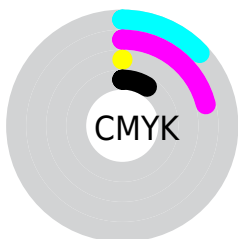
Distribution



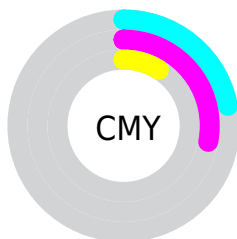
- Red (78%)
- Green (72%)
- Blue (91%)



- Red (78%)
- Yellow (72%)
- Blue (91%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.5550, 18.4604, 5.6523 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 193.5550, 18.4604, 5.6523 by changing the saturation by 10% instead.

■ 193.5550, 18.4604,
5.6523

■ 193.5550, 18.4604,
5.6523

255.0000, 0.0000,
0.0000

■ 166.1420, 18.1710,
5.1375

■ 245.6080, 4.6303,
8.2368

■ 139.9140, 17.2974,
5.3374

■ 114.5010, 17.0080,
4.8226

■ 89.6750, 16.4292,
3.7930

■ 66.1480, 15.7030,
3.3782

■ 43.6210, 14.9768,
2.9634

■ 22.6810, 13.9613,

2.0338

■ 3.4200, 13.1039,
-2.9993

■ 0.0000, 0.0000,
0.0000

■ 193.5550, 18.4604,
5.6523

■ 193.5550, 18.4604,
5.6523

■ 175.5690, 27.3275,
8.2710

■ 211.5410, 9.5933,
3.0335

■ 157.5830, 36.1946,
10.8897

■ 229.5270, 0.7262,
0.4148

■ 139.5970, 45.0617,
13.5084

■ 247.5130, -8.1409,
-2.2039

■ 121.6110, 53.9288,
16.1272

■ 252.2640,
-10.4832, 2.3995

■ 103.6250, 62.7959,
18.7459

■ 85.0520, 71.9524,
21.8794

■ 67.3650, 80.6721,
25.1129

■ 50.8520, 88.8130,
27.3168

Harmonies

Analogous

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



189.5840, 24.3621, -20.6832



193.5550, 18.4604, 5.6523



195.0540, 8.3544, 27.1396

Triad

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



193.5550, 18.4604, 5.6523



191.4650, -21.9212, 31.1642



180.4240, 6.6930, -46.8528

Complementary

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



193.5550, 18.4604, 5.6523



220.4450, -18.4604, -5.6523

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.



183.2770, -7.0386, -29.1839



193.5550, 18.4604, 5.6523



189.0130, -23.1774, 14.0206

Square

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



193.5550, 18.4604, 5.6523



192.8820, -14.2388, 40.4455



186.5480, -18.0182, -7.4966



179.5940, 18.9342, -53.1409

Rectangle

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



193.5550, 18.4604, 5.6523



194.7580, 0.6123, 37.0462



186.5480, -18.0182, -7.4966



180.7190, 2.6035, -41.8496

Sweetspot

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



193.5550, 18.4604, 5.6523



243.2050, 5.8149, 1.5742



206.6690, 11.9952, -20.7577



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.



193.5550, 18.4604, 5.6523



205.1730, 24.5647, 7.7413



200.7310, 14.9226, 20.4069



105.5640, 4.6519, 1.2594



39.2430, 68.9002, 20.8349



11.1960, 19.6234, 5.9671

Inverse Universe

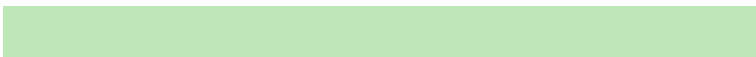
The Inverse Universe completely reimagines the original color for something new.



200.8860, 6.4652, 26.4100



214.8100, 8.4747, 35.2466



213.2690, -14.9226, -20.4069



107.5000, 1.7255, 6.5775



66.6310, 23.8459, 98.5476



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 193.5550, 18.4604, 5.6523 looks on a white background.

Color Contrast Check

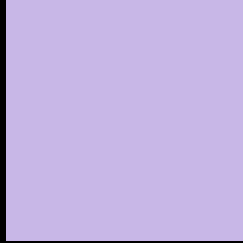
Large Text (above 18pt) WCAG AA × Fail

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 193.5550, 18.4604, 5.6523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

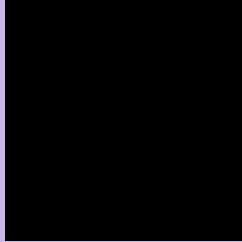
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.5550, 18.4604, 5.6523

Background



This preview shows how black text looks on a background with the YUV color 193.5550, 18.4604, 5.6523.



This preview shows how white text looks on a background with the YUV color 193.5550, 18.4604,

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

193.5550, 18.4604, 5.6523

Protanopia

191.5530, 21.4194, -10.1320

Deuteranopia

192.7990, 18.3401, -2.4547



Tritanopia

191.8030, 5.5201, 2.8038

Trichromacy



Original Color

193.5550, 18.4604, 5.6523

Protanomaly

192.3580, 20.5295, -4.6990

Deuteranomaly

193.4080, 18.0399, 0.5192

Tritanomaly

192.3670, 10.1721, 4.0631

Monochromacy



Original Color

193.5550, 18.4604, 5.6523

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.7320, 6.5411, 1.9890

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5550, 18.4604, 5.6523 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(200, 183, 231)` looks like.

```
.text, #text, p{  
    color:rgb(200, 183, 231)  
}
```

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(200, 183, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 183, 231) }
```

Border

The CSS property to change the border of an element to YUV 193.5550, 18.4604, 5.6523 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(200, 183, 231) }
```


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

```
.border{ border-color:rgb(200, 183, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 183, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 183, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 183, 231);  
box-shadow:4px 4px 4px 4px rgb(200, 183,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 193.5550, 18.4604, 5.6523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 183, 231) }
```

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

```
.background{ background-color: rgb(200,  
183, 231) }
```

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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