

Converting Colors

YUV(193.6200, 16.4563,
-4.9287)

Have a look what the booklet for
YUV(193.6200, 16.4563, -4.9287)
contains.

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Color

**YUV(193.6200, 16.4563,
-4.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBEE3
RGB	188, 190, 227
RGB Percent	74%, 75%, 89%
CMY	0.2627, 0.2549, 0.1098
CMYK	0.17, 0.16, 0.00, 0.11
HSL	237°, 41%, 81%
HSV	237°, 17%, 89%
XYZ	53.0176, 53.0643, 80.1212
YIQ	193.6200, -13.0690, 11.0830

Conversions

Conversions Part 2

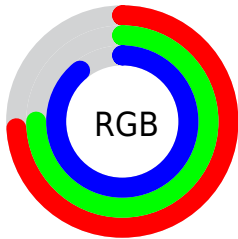
Format	Color
R_{YB}	188, 190, 227
Decimal	12369635
CIE _{Lab}	77.91, 6.79, -18.64
CIE _{LCh}	78, 19.841, 290.018
Yxy	53.0643, 0.2847, 0.2850
Android (android.graphics.Color)	4290559715 (0xFFBCBEE3)
YUV	193.6200, 16.4563, -4.9287
Hunter-Lab	72.8453, 2.4351, -14.2203

Details

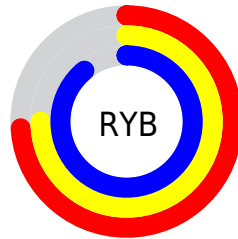
The YUV color $193.6200, 16.4563, -4.9287$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $221.3800, -16.4563, 4.9287$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7270, 4.0786, -1.5146$, and $140.0930, 15.7302, -5.3436$ is the 20% darker color. If you saturate the color by 10%, you get $173.8290, 26.2133, -7.7430$, and if you desaturate by 10%, it is $213.4110, 6.6994, -2.1144$.

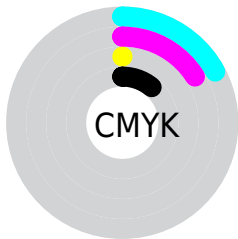
Distribution



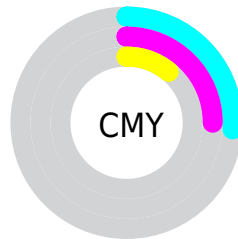
- Red (74%)
- Green (75%)
- Blue (89%)



- Red (74%)
- Yellow (75%)
- Blue (89%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6200, 16.4563, -4.9287 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 193.6200, 16.4563, -4.9287 by changing the saturation by 10% instead.

■ 193.6200, 16.4563,
-4.9287

■ 193.6200, 16.4563,
-4.9287

255.0000, 0.0000,
0.0000

■ 166.5060, 16.0195,
-4.8288

■ 246.7270, 4.0786,
-1.5146

■ 140.0930, 15.7302,
-5.3436

■ 114.2780, 15.1459,
-4.6288

■ 89.7510, 14.4198,
-5.0436

■ 66.2240, 13.6936,
-5.4584

■ 43.8110, 13.4042,
-5.9732

■ 22.8710, 12.3886,

-6.9029

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 193.6200, 16.4563,
-4.9287

■ 193.6200, 16.4563,
-4.9287

■ 173.8290, 26.2133,
-7.7430

■ 213.4110, 6.6994,
-2.1144

■ 154.9240, 35.5335,
-10.4573

■ 232.3160, -2.6208,
0.5999

■ 135.1330, 45.2904,
-13.2716

■ 251.8080,
-12.2303, 2.7994

■ 115.9290, 54.7580,
-16.6007

■ 96.4370, 64.3676,
-18.8002

■ 77.2330, 73.8351,
-22.1293

■ 57.4420, 83.5921,
-24.9436

■ 38.2380, 93.0597,
-28.2727

■ 32.9220, 95.6805,
-28.8726

Harmonies

Analogous

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



190.0800, 18.6946, -22.8722



193.6200, 16.4563, -4.9287



195.7210, 9.9975, 13.3997

Triad

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



193.6200, 16.4563, -4.9287



194.3920, -14.4903, 27.7202



186.4110, -0.2026, -28.4244

Complementary

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



193.6200, 16.4563, -4.9287



221.3800, -16.4563, 4.9287

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.



188.3930, -9.5607, -13.4997



193.6200, 16.4563, -4.9287



192.5280, -17.5153, 17.9539

Square

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



193.6200, 16.4563, -4.9287



195.3630, -7.0810, 31.2536



190.4830, -16.0141, 3.0844



185.4730, 9.1338, -36.3718

Rectangle

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



193.6200, 16.4563, -4.9287



196.1090, 4.8763, 22.7064



190.4830, -16.0141, 3.0844



186.8200, -3.8553, -23.5211

Sweetspot

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



193.6200, 16.4563, -4.9287



244.0690, 5.3890, -1.8145



214.9970, 4.4385, -23.6764



120.9120, 3.4944, -0.7998



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.



193.6200, 16.4563, -4.9287



208.9170, 22.7189, -6.9432



197.5290, 14.5292, 6.5521



104.9550, 4.9522, -1.7145



25.6890, 75.5823, -22.5293



7.5750, 21.4085, -6.6433

Inverse Universe

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



199.8890, -4.8753, 23.7763



217.4880, -6.6496, 32.8980



217.4710, -14.5292, -6.5521



106.7020, -1.3321, 7.2773



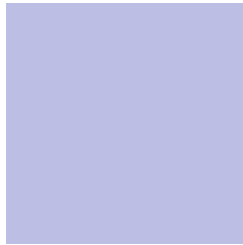
54.5470, -22.4547, 109.1453



15.5910, -6.2074, 31.0537

Previews

White Background



This preview shows how the YUV color 193.6200, 16.4563, -4.9287 looks on a white background.

Color Contrast Check

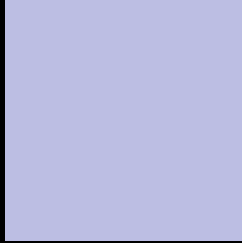
Large Text (above 18pt) WCAG AA × Fail

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 193.6200, 16.4563, -4.9287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

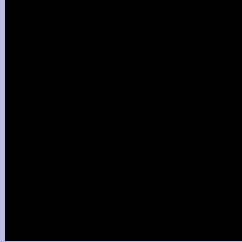
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.6200, 16.4563, -4.9287

Background



This preview shows how black text looks on a background with the YUV color 193.6200, 16.4563, -4.9287.



This preview shows how white text looks on a background with the YUV color 193.6200, 16.4563, -4.9287.

-4.9287.

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

193.6200, 16.4563, -4.9287

Protanopia

193.4240, 17.0460, -7.3878

Deuteranopia

194.2400, 16.1507, -0.2105



Tritanopia

192.4320, 8.1680, -6.5179

Trichromacy



Original Color

193.6200, 16.4563, -4.9287

Protanomaly

193.7230, 16.8986, -6.7731

Deuteranomaly

194.2290, 16.1561, -1.9548

Tritanomaly

192.9420, 11.3676, -6.0881

Monochromacy



Original Color

193.6200, 16.4563, -4.9287

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.1830, 5.8258, -1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6200, 16.4563, -4.9287 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(188, 190, 227)` looks like.

```
.text, #text, p{  
    color:rgb(188, 190, 227)  
}
```

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(188, 190, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 190, 227) }
```

Border

The CSS property to change the border of an element to YUV 193.6200, 16.4563, -4.9287 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(188, 190, 227) }
```


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

```
.border{ border-color:rgb(188, 190, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 190, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 190, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 190, 227);  
box-shadow:4px 4px 4px 4px rgb(188, 190,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 193.6200, 16.4563, -4.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 190, 227) }
```

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

```
.background{ background-color: rgb(188,  
190, 227) }
```

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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