

Converting Colors

YUV(197.6090, 16.4618,
-6.6731)

Have a look what the booklet for
YUV(197.6090, 16.4618, -6.6731)
contains.

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Color

**YUV(197.6090, 16.4618,
-6.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC3E7
RGB	190, 195, 231
RGB Percent	75%, 76%, 91%
CMY	0.2549, 0.2353, 0.0941
CMYK	0.18, 0.16, 0.00, 0.09
HSL	233°, 46%, 83%
HSV	233°, 18%, 91%
XYZ	55.1741, 55.7469, 83.4535
YIQ	197.6090, -14.5360, 10.1360

Conversions

Conversions Part 2

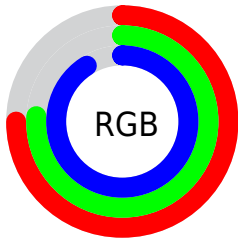
Format	Color
R_{YB}	190, 194, 231
Decimal	12501991
CIE Lab	79.47, 5.59, -18.43
CIE LCh	79, 19.257, 286.872
Yxy	55.7469, 0.2839, 0.2868
Android (android.graphics.Color)	4290692071 (0xFFBEC3E7)
YUV	197.6090, 16.4618, -6.6731
Hunter-Lab	74.6638, 1.2439, -14.0052

Details

The YUV color $197.6090, 16.4618, -6.6731$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $223.3910, -16.4618, 6.6731$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2600, 2.3368, -2.8590$, and $143.3810, 15.5882, -6.4731$ is the 20% darker color. If you saturate the color by 10%, you get $178.9920, 25.6399, -10.5170$, and if you desaturate by 10%, it is $216.2260, 7.2836, -2.8292$.

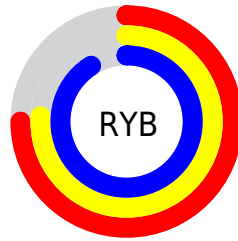
Distribution



Red (75%)

Green (76%)

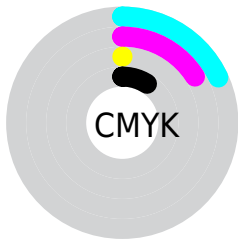
Blue (91%)



Red (75%)

Yellow (76%)

Blue (91%)

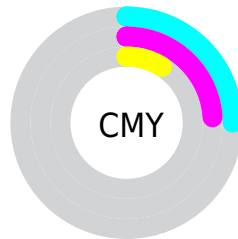


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (9%)



Cyan (25%)

Magenta (24%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.6090, 16.4618, -6.6731 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 197.6090, 16.4618, -6.6731 by changing the saturation by 10% instead.

■ 197.6090, 16.4618,
-6.6731

■ 197.6090, 16.4618,
-6.6731

255.0000, 0.0000,
0.0000

■ 170.4950, 16.0250,
-6.5731

■ 250.2600, 2.3368,
-2.8590

■ 143.3810, 15.5882,
-6.4731

■ 117.9680, 15.2988,
-6.9879

■ 93.1530, 14.7146,
-6.2732

■ 69.6260, 13.9884,
-6.6880

■ 47.0990, 13.2622,
-7.1028

■ 25.2730, 12.6834,

-8.1324

■ 3.4200, 13.1039,
-2.9993

■ 0.1140, 0.4368,
-0.1000

■ 197.6090, 16.4618,
-6.6731

■ 197.6090, 16.4618,
-6.6731

■ 178.9920, 25.6399,
-10.5170

■ 216.2260, 7.2836,
-2.8292

■ 159.7880, 35.1075,
-13.8461

■ 235.4300, -2.1840,
0.4999

■ 141.1710, 44.2857,
-17.6900

■ 252.2640,
-10.4832, 2.3995

■ 122.5540, 53.4639,
-21.5339

■ 103.9370, 62.6421,
-25.3777

■ 84.4340, 72.2570,
-29.3216

■ 65.8170, 81.4352,
-33.1655

■ 47.2000, 90.6134,
-37.0094

■ 42.7700, 92.7974,
-37.5093

Harmonies

Analogous

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



194.2540, 18.1158, -23.9018



197.6090, 16.4618, -6.6731



199.6390, 11.0240, 10.8406

Triad

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



197.6090, 16.4618, -6.6731



198.9190, -13.7641, 28.1350



191.0800, -1.5184, -26.3802

Complementary

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



197.6090, 16.4618, -6.6731



223.3910, -16.4618, 6.6731

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.



193.1760, -10.4398, -11.5554



197.6090, 16.4618, -6.6731



197.2400, -17.3733, 19.0835

Square

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



197.6090, 16.4618, -6.6731



200.1780, -6.4968, 30.5389



195.1950, -15.8721, 4.2140



189.9570, 8.4022, -35.0423

Rectangle

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



197.6090, 16.4618, -6.6731



200.2120, 5.3185, 20.8621



195.1950, -15.8721, 4.2140



191.6030, -4.7343, -21.5768

Sweetspot

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



197.6090, 16.4618, -6.6731



244.6560, 5.0996, -2.3293



218.1710, 3.8597, -24.7060



121.4990, 3.2050, -1.3146



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.



197.6090, 16.4618, -6.6731



211.2650, 21.5614, -9.0024



199.1590, 15.6976, 5.1226



105.5420, 4.6628, -2.2293



33.3200, 71.8202, -29.2216



9.3360, 20.5404, -8.1877

Inverse Universe

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



202.8290, -3.8597, 24.7060



217.9440, -4.9024, 32.4981



221.8410, -15.6976, -5.1226



106.8160, -0.8953, 7.1774



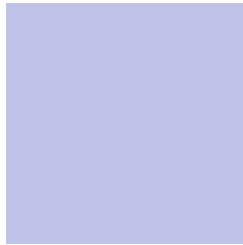
56.0290, -16.7763, 107.8456



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 197.6090, 16.4618, -6.6731 looks on a white background.

Color Contrast Check

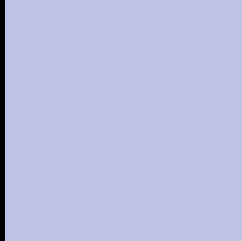
Large Text (above 18pt) WCAG AA × Fail

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 197.6090, 16.4618, -6.6731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

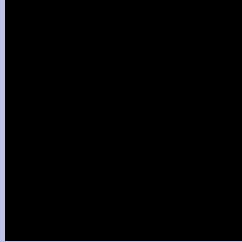
Any Text WCAG AA ✓ Pass

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 197.6090, 16.4618, -6.6731 Background



This preview shows how black text looks on a background with the YUV color 197.6090, 16.4618, -6.6731.



This preview shows how white text looks on a background with the YUV color 197.6090, 16.4618, -6.6731.

-6.6731.

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

197.6090, 16.4618, -6.6731

Protanopia

197.6090, 16.4618, -6.6731

Deuteranopia

198.6530, 16.4401, 0.3043



Tritanopia

196.5350, 8.6102, -8.3622

Trichromacy



Original Color

197.6090, 16.4618, -6.6731

Protanomaly

197.6090, 16.4618, -6.6731

Deuteranomaly

198.3430, 16.5929, -2.0548

Tritanomaly

196.9310, 11.3730, -7.8325

Monochromacy



Original Color

197.6090, 16.4618, -6.6731

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.8840, 5.9732, -2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.6090, 16.4618, -6.6731 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, 195, 231)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 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(190, 195, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 231) }
```

Border

The CSS property to change the border of an element to YUV 197.6090, 16.4618, -6.6731 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, 195, 231) }
```


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

```
.border{ border-color:rgb(190, 195, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 231);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 197.6090, 16.4618, -6.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 231) }
```

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

```
.background{ background-color: rgb(190,  
195, 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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