

Converting Colors

YUV(184.6190, -15.5882,
6.4731)

Have a look what the booklet for
YUV(184.6190, -15.5882, 6.4731)
contains.

YUV(184.6190, -15.5882, 6.4731)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(184.6190, -15.5882,
6.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BB99
RGB	192, 187, 153
RGB Percent	75%, 73%, 60%
CMY	0.2471, 0.2667, 0.4000
CMYK	0.00, 0.03, 0.20, 0.25
HSL	52°, 24%, 68%
HSV	52°, 20%, 75%
XYZ	45.2583, 49.0470, 37.2186
YIQ	184.6190, 13.8940, -9.5140

Conversions

Conversions Part 2

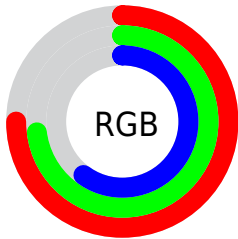
Format	Color
RYB	159, 192, 153
Decimal	12630937
CIELab	75.48, -3.87, 17.89
CIELCh	75, 18.300, 102.211
Yxy	49.0470, 0.3441, 0.3729
Android (android.graphics.Color)	4290821017 (0xFFC0BB99)
YUV	184.6190, -15.5882, 6.4731
Hunter-Lab	70.0336, -7.2054, 17.5144

Details

The YUV color **184.6190, -15.5882, 6.4731** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **160.3810, 15.5882, -6.4731**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6900, -16.6092, 7.2879**, and **131.5480, -14.5672, 5.6584** is the 20% darker color. If you saturate the color by 10%, you get **181.2790, -23.3085, 9.4023**, and if you desaturate by 10%, it is **187.9590, -7.8678, 3.5440**.

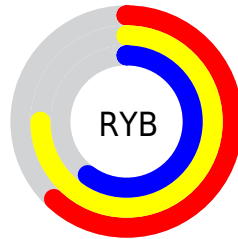
Distribution



Red (75%)

Green (73%)

Blue (60%)



Red (62%)

Yellow (75%)

Blue (60%)

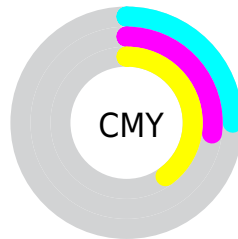


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.6190, -15.5882, 6.4731 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 184.6190, -15.5882, 6.4731 by changing the saturation by 10% instead.

■ 184.6190,
-15.5882, 6.4731

■ 184.6190,
-15.5882, 6.4731

255.0000, 0.0000,
0.0000

■ 157.7330,
-15.1514, 6.3732

■ 240.6900,
-16.6092, 7.2879

■ 131.5480,
-14.5672, 5.6584

■ 252.8340, -8.2992,
1.8996

■ 106.3630,
-13.9830, 4.9436

■ 81.8900, -13.2568,
5.3585

■ 58.7050, -12.6726,
4.6437

■ 36.9930, -12.8145,
3.5141

■ 16.8340, -8.2992,

1.8996

■ 0.0000, 0.0000,
0.0000

■ 184.6190,
-15.5882, 6.4731

■ 184.6190,
-15.5882, 6.4731

■ 181.2790,
-23.3085, 9.4023

■ 187.9590, -7.8678,
3.5440

■ 177.3520,
-30.7395, 12.8463

■ 191.8860, -0.4368,
0.1000

■ 173.8980,
-38.8967, 15.8755

■ 195.3400, 7.7204,
-2.9292

■ 169.9710,
-46.3277, 19.3194

■ 199.2670, 15.1514,
-6.3732

■ 166.6310,
-54.0481, 22.2486

■ 202.6070, 22.8717,
-9.3023

■ 162.7040,
-61.4791, 25.6926

■ 205.0520, 24.6244,
-11.4466

■ 159.3640,
-69.1995, 28.6218

■ 206.2260, 24.0456,
-12.4762

■ 155.4370,
-76.6304, 32.0658

■ 207.9870, 23.1774,
-14.0206

■ 209.1610, 22.5986,
-15.0502

Harmonies

Analogous

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



186.2940, -15.9209, 19.9132



184.6190, -15.5882, 6.4731



182.7850, -10.7400, -8.5814

Triad

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



184.6190, -15.5882, 6.4731



180.3470, 13.6329, -32.7533



189.1690, 3.8607, 21.7768

Complementary

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



184.6190, -15.5882, 6.4731



160.3810, 15.5882, -6.4731

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.



188.3290, 11.1768, 8.4815



184.6190, -15.5882, 6.4731



182.7270, 17.3896, -24.3166

Square

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



184.6190, -15.5882, 6.4731



179.6970, 6.0654, -32.1833



186.1850, 16.1778, -8.9322



188.6230, -4.7441, 28.3946

Rectangle

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



184.6190, -15.5882, 6.4731



181.0980, -5.4713, -18.5029



186.1850, 16.1778, -8.9322



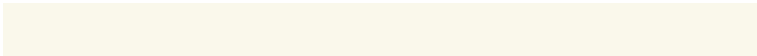
188.8310, 6.4923, 17.6882

Sweetspot

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



184.6190, -15.5882, 6.4731



247.1160, -5.9732, 2.5293



165.2310, -3.5649, 23.4764



123.3870, -3.6418, 1.4146



252.0000, 0.0000, 0.0000



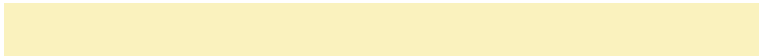
125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



184.6190, -15.5882, 6.4731



238.4640, -23.8928, 10.1171



183.3680, -14.9714, -4.7077



95.2730, -4.0786, 1.5146



130.3190, -64.2473, 26.9072



26.8900, -13.2568, 5.3585

Inverse Universe

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



160.3810, 15.5882, -6.4731



201.5360, 23.8928, -10.1171



161.6320, 14.9714, 4.7077



88.7270, 4.0786, -1.5146



30.6810, 64.2473, -26.9072



6.1100, 13.2568, -5.3585

Previews

White Background



This preview shows how the YUV color 184.6190, -15.5882, 6.4731 looks on a white background.

Color Contrast Check

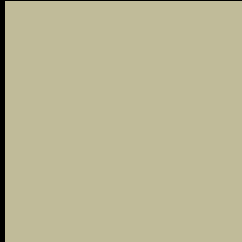
Large Text (above 18pt) WCAG AA × Fail

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 184.6190, -15.5882, 6.4731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

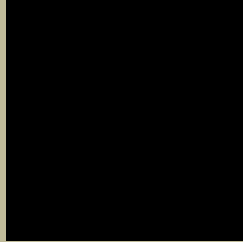
Any Text WCAG AA ✓ Pass

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 184.6190, -15.5882, 6.4731 Background



This preview shows how black text looks on a background with the YUV color 184.6190, -15.5882, 6.4731.



This preview shows how white text looks on a background with the YUV color 184.6190, -15.5882, 6.4731.

6.4731.

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

184.6190, -15.5882, 6.4731

Protanopia

184.8260, -16.1832, 10.6766

Deuteranopia

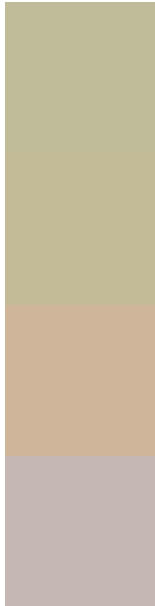
187.0280, -15.7898, 24.5314



Tritanopia

187.6790, 3.6093, 9.0515

Trichromacy



Original Color

184.6190, -15.5882, 6.4731

Protanomaly

184.8150, -16.1778, 8.9322

Deuteranomaly

186.2830, -15.9155, 18.1688

Tritanomaly

186.5450, -3.2267, 8.2920

Monochromacy



Original Color

184.6190, -15.5882, 6.4731

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.6190, -15.5882, 6.4731 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(192, 187, 153)` looks like.

```
.text, #text, p{  
    color:rgb(192, 187, 153)  
}
```

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(192, 187, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 187, 153) }
```

Border

The CSS property to change the border of an element to YUV 184.6190, -15.5882, 6.4731 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(192, 187, 153) }
```


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

```
.border{ border-color:rgb(192, 187, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 187, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 187, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 187, 153);  
box-shadow:4px 4px 4px 4px rgb(192, 187,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 184.6190, -15.5882, 6.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 187, 153) }
```

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

```
.background{ background-color: rgb(192,  
187, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor