

Converting Colors

YUV(165.5130, -18.0009,
33.7531)

Have a look what the booklet for
YUV(165.5130, -18.0009, 33.7531)
contains.

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Color

**YUV(165.5130, -18.0009,
33.7531)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9981
RGB	204, 153, 129
RGB Percent	80%, 60%, 51%
CMY	0.2000, 0.4000, 0.4941
CMYK	0.00, 0.25, 0.37, 0.20
HSL	19°, 42%, 65%
HSV	19°, 37%, 80%
XYZ	40.2555, 37.2048, 25.8284
YIQ	165.5130, 38.1000, 3.3480

Conversions

Conversions Part 2

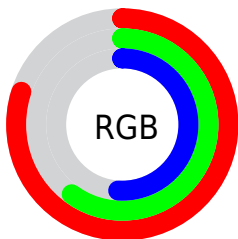
Format	Color
R _Y B	204, 164, 129
Decimal	13408641
CIE Lab	67.43, 15.88, 20.04
CIE LCh	67, 25.566, 51.611
Yxy	37.2048, 0.3897, 0.3602
Android (android.graphics.Color)	4291598721 (0xFFCC9981)
YUV	165.5130, -18.0009, 33.7531
Hunter-Lab	60.9957, 11.0625, 17.5909

Details

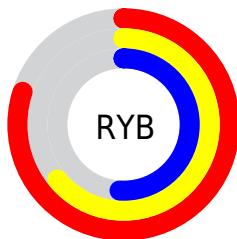
The YUV color **165.5130, -18.0009, 33.7531** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **167.4870, 18.0009, -33.7531**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5020, -17.9955, 32.0087**, and **113.2460, -16.3903, 30.4793** is the 20% darker color. If you saturate the color by 10%, you get **155.0150, -22.6854, 42.9598**, and if you desaturate by 10%, it is **176.0110, -13.3164, 24.5464**.

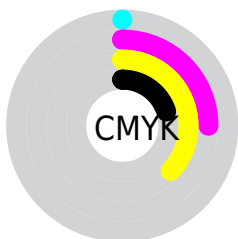
Distribution



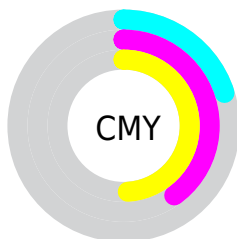
- Red (80%)
- Green (60%)
- Blue (51%)



- Red (80%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (20%)



- Cyan (20%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.5130, -18.0009, 33.7531 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 165.5130, -18.0009, 33.7531 by changing the saturation by 10% instead.

■ 165.5130,
-18.0009, 33.7531

■ 165.5130,
-18.0009, 33.7531

255.0000, 0.0000,
0.0000

■ 139.0290,
-17.2693, 32.4236

■ 218.5020,
-17.9955, 32.0087

■ 113.2460,
-16.3903, 30.4793

■ 238.7170,
-14.1575, 14.2802

■ 88.4630, -15.5113,
28.5349

■ 253.0620, -7.4256,
1.6996

■ 64.6800, -14.6322,
26.5906

■ 41.8970, -13.7532,
24.6463

■ 20.4990, -10.1060,
21.4874

■ 3.5880, -1.7689,

7.3773

0.0000, 0.0000,
0.0000

165.5130,
-18.0009, 33.7531

165.5130,
-18.0009, 33.7531

155.0150,
-22.6854, 42.9598

176.0110,
-13.3164, 24.5464

144.4030,
-27.8067, 52.2666

186.6230, -8.1951,
15.2396

133.9050,
-32.4912, 61.4733

197.1210, -3.5107,
6.0329

123.8800,
-37.9018, 70.2652

207.1460, 1.9000,
-2.7590

113.3820,
-42.5863, 79.4720

217.6440, 6.5845,
-11.9658

■ 102.8840,
-47.2708, 88.6787

■ 228.1420, 11.2690,
-21.1725

■ 99.1510, -48.8814,
91.9526

■ 236.8160, 8.9647,
-28.7796

■ 239.7510, 7.5178,
-31.3536

Harmonies

Analogous

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



166.8370, -9.2866, 38.7310



165.5130, -18.0009, 33.7531



163.3990, -21.8887, 20.6981

Triad

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



165.5130, -18.0009, 33.7531



155.2850, 0.8455, -37.9609



165.6460, 20.3875, -5.8285

Complementary

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



165.5130, -18.0009, 33.7531



167.4870, 18.0009, -33.7531

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.



160.1160, 24.0998, -29.9197



165.5130, -18.0009, 33.7531



153.1230, 13.2504, -50.0969

Square

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



165.5130, -18.0009, 33.7531



158.4910, -11.5811, -18.8476



155.1370, 22.1175, -47.4781



168.0250, 12.3127, 17.5181

Rectangle

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



165.5130, -18.0009, 33.7531



162.4360, -21.4139, 8.3876



155.1370, 22.1175, -47.4781



163.7590, 22.3038, -13.8206

Sweetspot

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



165.5130, -18.0009, 33.7531



240.6550, -6.7319, 12.5806



157.2390, 11.2212, 41.0094



119.0180, -3.9529, 7.8772



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.



165.5130, -18.0009, 33.7531



197.6200, -26.9277, 50.3223



187.2320, -28.7084, 14.7055



96.7510, -2.3422, 4.6034



80.7450, -39.8073, 74.7686



18.4060, -9.0742, 17.1839

Inverse Universe

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



167.4870, 18.0009, -33.7531



200.3800, 26.9277, -50.3223



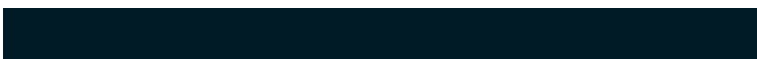
145.7680, 28.7084, -14.7055



97.2490, 2.3422, -4.6034



85.2550, 39.8073, -74.7686



19.5940, 9.0742, -17.1839

Previews

White Background



This preview shows how the YUV color 165.5130, -18.0009, 33.7531 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 165.5130, -18.0009, 33.7531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

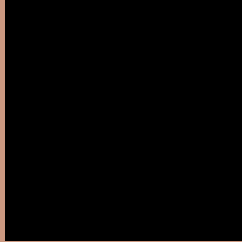
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.5130, -18.0009, 33.7531

Background



This preview shows how black text looks on a background with the YUV color 165.5130, -18.0009, 33.7531.



This preview shows how white text looks on a background with the YUV color 165.5130, -18.0009,

33.7531.

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

165.5130, -18.0009, 33.7531

Protanopia

163.5700, -14.5780, 9.1471

Deuteranopia

165.0450, -18.2632, 24.5165



Tritanopia

167.5960, -3.7448, 34.5573

Trichromacy



Original Color

165.5130, -18.0009, 33.7531

Protanomaly

164.2830, -15.9155, 18.1688

Deuteranomaly

165.0670, -18.2740, 28.0052

Tritanomaly

166.6300, -8.6916, 34.5275

Monochromacy



Original Color

165.5130, -18.0009, 33.7531

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.7690, -6.2951, 12.4806

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.5130, -18.0009, 33.7531 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(204, 153, 129)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 129)  
}
```

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(204, 153, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 129) }
```

Border

The CSS property to change the border of an element to YUV 165.5130, -18.0009, 33.7531 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(204, 153, 129) }
```


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

```
.border{ border-color:rgb(204, 153, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 129);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 165.5130, -18.0009, 33.7531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 129) }
```

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

```
.background{ background-color: rgb(204,  
153, 129) }
```

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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