

Converting Colors

YUV(196.1630, -17.3354,
6.8730)

Have a look what the booklet for
YUV(196.1630, -17.3354, 6.8730)
contains.

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Color

**YUV(196.1630, -17.3354,
6.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC7A1
RGB	204, 199, 161
RGB Percent	80%, 78%, 63%
CMY	0.2000, 0.2196, 0.3686
CMYK	0.00, 0.02, 0.21, 0.20
HSL	53°, 30%, 72%
HSV	53°, 21%, 80%
XYZ	51.7583, 56.2574, 41.8490
YIQ	196.1630, 15.1780, -10.7580

Conversions

Conversions Part 2

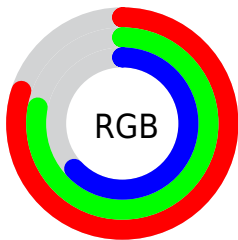
Format	Color
RYB	167, 204, 161
Decimal	13420449
CIELab	79.76, -4.45, 19.69
CIELCh	80, 20.188, 102.749
Yxy	56.2574, 0.3454, 0.3754
Android (android.graphics.Color)	4291610529 (0xFFCCC7A1)
YUV	196.1630, -17.3354, 6.8730
Hunter-Lab	75.0050, -8.0821, 19.4226

Details

The YUV color **196.1630, -17.3354, 6.8730** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **168.8370, 17.3354, -6.8730**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.5540, -17.0351, 3.8991**, and **142.0920, -16.3144, 6.0583** is the 20% darker color. If you saturate the color by 10%, you get **192.7090, -25.4925, 9.9022**, and if you desaturate by 10%, it is **199.6170, -9.1782, 3.8439**.

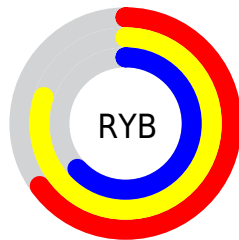
Distribution



Red (80%)

Green (78%)

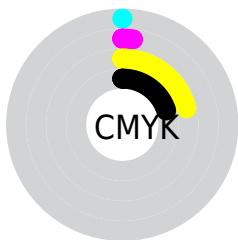
Blue (63%)



Red (65%)

Yellow (80%)

Blue (63%)

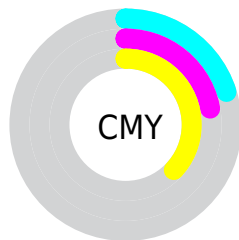


Cyan (0%)

Magenta (2%)

Yellow (21%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.1630, -17.3354, 6.8730 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 196.1630, -17.3354, 6.8730 by changing the saturation by 10% instead.

■ 196.1630,
-17.3354, 6.8730

■ 196.1630,
-17.3354, 6.8730

255.0000, 0.0000,
0.0000

■ 168.9780,
-16.7512, 6.1583

■ 250.5540,
-17.0351, 3.8991

■ 142.0920,
-16.3144, 6.0583

■ 253.7460, -4.8048,
1.0998

■ 116.9070,
-15.7302, 5.3436

■ 92.0210, -15.2934,
5.2436

■ 68.2490, -14.4198,
5.0436

■ 46.0640, -13.8356,
4.3289

■ 25.4060, -12.5252,

4.0289

■ 0.0000, 0.0000,
0.0000

■ 196.1630,
-17.3354, 6.8730

■ 196.1630,
-17.3354, 6.8730

■ 192.7090,
-25.4925, 9.9022

■ 199.6170, -9.1782,
3.8439

■ 188.5540,
-33.7971, 13.5461

■ 203.7720, -0.8736,
0.2000

■ 185.1000,
-41.9543, 16.5753

■ 207.2260, 7.2836,
-2.8292

■ 181.5320,
-50.5483, 19.7044

■ 210.7940, 15.8776,
-5.9583

■ 177.4910,
-58.4161, 23.2484

■ 213.9230, 20.2510,
-8.7025

■ 174.0370,
-66.5732, 26.2776

■ 215.0970, 19.6722,
-9.7321

■ 169.8820,
-74.8778, 29.9215

■ 216.8580, 18.8040,
-11.2765

■ 166.6560,
-82.1614, 32.7507

■ 218.0320, 18.2252,
-12.3061

■ 219.2060, 17.6464,
-13.3357

Harmonies

Analogous

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



198.1370, -17.8155, 20.9279



196.1630, -17.3354, 6.8730



193.8450, -11.7556, -9.5111

Triad

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



196.1630, -17.3354, 6.8730



191.4820, 15.5384, -37.2567



201.4790, 3.7079, 24.1359

Complementary

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



196.1630, -17.3354, 6.8730



168.8370, 17.3354, -6.8730

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.



200.2690, 12.1924, 9.4111



196.1630, -17.3354, 6.8730



194.4600, 19.0002, -27.5904

Square

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



196.1630, -17.3354, 6.8730



190.6040, 7.0972, -36.4867



198.2280, 17.6356, -9.8470



201.1180, -5.4812, 31.4685

Rectangle

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



196.1630, -17.3354, 6.8730



192.5600, -6.1921, -20.6621



198.2280, 17.6356, -9.8470



201.2550, 6.7763, 19.9474

Sweetspot

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



196.1630, -17.3354, 6.8730



252.1160, -5.9732, 2.5293



174.4270, -4.1545, 25.9355



125.8000, -3.3524, 1.9294



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.



196.1630, -17.3354, 6.8730



243.5950, -25.9293, 10.0022



194.3140, -16.4238, -5.5374



100.2730, -4.0786, 1.5146



135.3360, -66.7206, 26.8923



31.3200, -15.4408, 5.8584

Inverse Universe

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



168.8370, 17.3354, -6.8730



202.9920, 25.6399, -10.5170



170.6860, 16.4238, 5.5374



93.7270, 4.0786, -1.5146



30.0770, 67.0100, -26.3775



6.6800, 15.4408, -5.8584

Previews

White Background



This preview shows how the YUV color 196.1630, -17.3354, 6.8730 looks on a white background.

Color Contrast Check

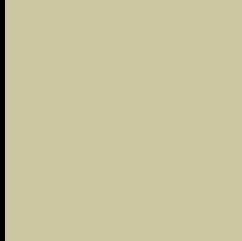
Large Text (above 18pt) WCAG AA × Fail

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 196.1630, -17.3354, 6.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

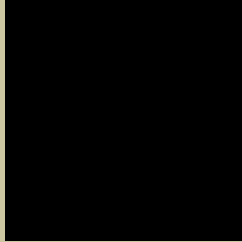
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

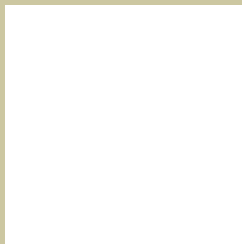
Any Text WCAG AAA ✓ Pass

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

YUV 196.1630, -17.3354, 6.8730 Background



This preview shows how black text looks on a background with the YUV color 196.1630, -17.3354, 6.8730.



This preview shows how white text looks on a background with the YUV color 196.1630, -17.3354, 6.8730.

6.8730.

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

196.1630, -17.3354, 6.8730

Protanopia

196.3700, -17.9304, 11.0765

Deuteranopia

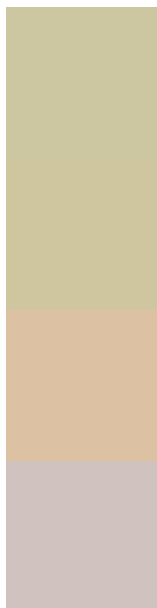
198.5830, -17.5424, 26.6757



Tritanopia

199.7930, 4.0461, 8.9515

Trichromacy



Original Color

196.1630, -17.3354, 6.8730

Protanomaly

196.3590, -17.9250, 9.3322

Deuteranomaly

197.5390, -17.5207, 19.6983

Tritanomaly

198.4310, -3.6635, 8.3920

Monochromacy



Original Color

196.1630, -17.3354, 6.8730

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.0020, -6.4100, 2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.1630, -17.3354, 6.8730 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, 199, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 199, 161)  
}
```

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, 199, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 161) }
```

Border

The CSS property to change the border of an element to YUV 196.1630, -17.3354, 6.8730 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, 199, 161) }
```


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

```
.border{ border-color:rgb(204, 199, 161) }
```

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

Here you see how a box with a 4 pixel rgb(204, 199, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 196.1630, -17.3354, 6.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 161) }
```

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

```
.background{ background-color: rgb(204,  
199, 161) }
```

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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