

Converting Colors

YUV(199.9780, -16.7512,
6.1583)

Have a look what the booklet for
YUV(199.9780, -16.7512, 6.1583)
contains.

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Color

**YUV(199.9780, -16.7512,
6.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCBA6
RGB	207, 203, 166
RGB Percent	81%, 80%, 65%
CMY	0.1882, 0.2039, 0.3490
CMYK	0.00, 0.02, 0.20, 0.19
HSL	54°, 30%, 73%
HSV	54°, 20%, 81%
XYZ	53.9710, 58.7304, 44.5679
YIQ	199.9780, 14.2610, -10.6590

Conversions

Conversions Part 2

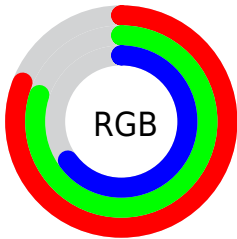
Format	Color
RYB	170, 207, 166
Decimal	13618086
CIELab	81.14, -4.68, 18.99
CIELCh	81, 19.559, 103.841
Yxy	58.7304, 0.3432, 0.3734
Android (android.graphics.Color)	4291808166 (0xFFCFCBA6)
YUV	199.9780, -16.7512, 6.1583
Hunter-Lab	76.6358, -8.4034, 19.1647

Details

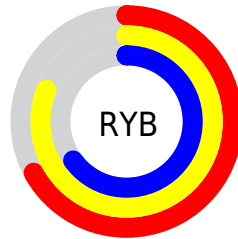
The YUV color $199.9780, -16.7512, 6.1583$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $173.0220, 16.7512, -6.1583$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1240, -14.8511, 3.3993$, and $145.9070, -15.7302, 5.3436$ is the 20% darker color. If you saturate the color by 10%, you get $196.4100, -25.3451, 9.2874$, and if you desaturate by 10%, it is $203.5460, -8.1572, 3.0292$.

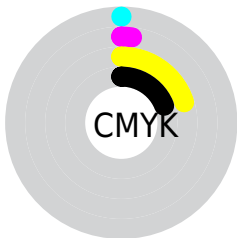
Distribution



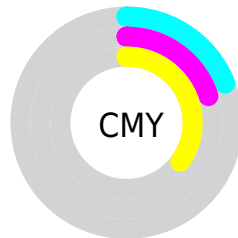
- Red (81%)
- Green (80%)
- Blue (65%)



- Red (67%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9780, -16.7512, 6.1583 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 199.9780, -16.7512, 6.1583 by changing the saturation by 10% instead.

■ 199.9780,
-16.7512, 6.1583

■ 199.9780,
-16.7512, 6.1583

255.0000, 0.0000,
0.0000

■ 172.7930,
-16.1669, 5.4435

■ 251.1240,
-14.8511, 3.3993

■ 145.9070,
-15.7302, 5.3436

■ 254.4300, -2.1840,
0.4999

■ 120.0210,
-15.2934, 5.2436

■ 95.2490, -14.4198,
5.0436

■ 71.6510, -14.1249,
3.8141

■ 48.8790, -13.2513,
3.6141

■ 28.0640, -13.8356,

4.3289

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,
0.0000

■ 199.9780,
-16.7512, 6.1583

■ 199.9780,
-16.7512, 6.1583

■ 196.4100,
-25.3451, 9.2874

■ 203.5460, -8.1572,
3.0292

■ 192.9560,
-33.5023, 12.3166

■ 207.0000, 0.0000,
0.0000

■ 189.3880,
-42.0963, 15.4457

■ 210.5680, 8.5940,
-3.1291

■ 185.8200,
-50.6903, 18.5749

■ 214.1360, 17.1880,
-6.2583

■ 182.3660,
-58.8474, 21.6040

■ 215.9940, 19.2300,
-7.8877

■ 178.7980,
-67.4414, 24.7332

■ 217.1680, 18.6512,
-8.9173

■ 175.2300,
-76.0354, 27.8623

■ 218.3420, 18.0724,
-9.9469

■ 171.6620,
-84.6294, 30.9914

■ 219.5160, 17.4936,
-10.9765

■ 220.6900, 16.9148,
-12.0061

Harmonies

Analogous

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



201.9520, -17.2313, 20.2131



199.9780, -16.7512, 6.1583



197.6600, -11.1714, -10.2258

Triad

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



199.9780, -16.7512, 6.1583



195.3790, 15.0962, -35.4124



205.0660, 3.4185, 23.6211

Complementary

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



199.9780, -16.7512, 6.1583



173.0220, 16.7512, -6.1583

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.



204.1550, 11.7556, 9.5111



199.9780, -16.7512, 6.1583



198.3570, 18.5580, -25.7461

Square

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



199.9780, -16.7512, 6.1583



194.4300, 7.6760, -35.4571



201.8260, 17.3408, -8.6174



204.8190, -5.3338, 30.8537

Rectangle

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



199.9780, -16.7512, 6.1583



196.6740, -5.7553, -20.7621



201.8260, 17.3408, -8.6174



205.1410, 6.3395, 20.0473

Sweetspot

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



199.9780, -16.7512, 6.1583



252.7030, -6.2626, 2.0145



178.7150, -4.2965, 24.8059



126.3870, -3.6418, 1.4146



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.



199.9780, -16.7512, 6.1583



244.5240, -24.9083, 9.1875



197.5420, -15.5502, -5.7373



103.1590, -4.5154, 1.6146



139.4560, -68.7518, 25.0331



33.9780, -16.7512, 6.1583

Inverse Universe

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



173.0220, 16.7512, -6.1583



204.4760, 24.9083, -9.1875



175.4580, 15.5502, 5.7373



95.8410, 4.5154, -1.6146



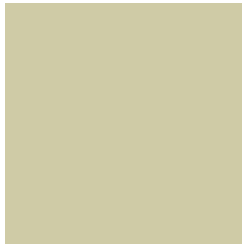
28.5440, 68.7518, -25.0331



7.0220, 16.7512, -6.1583

Previews

White Background



This preview shows how the YUV color 199.9780, -16.7512, 6.1583 looks on a white background.

Color Contrast Check

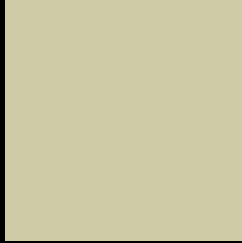
Large Text (above 18pt) WCAG AA × Fail

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 199.9780, -16.7512, 6.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

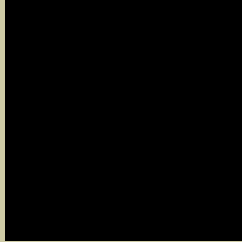
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

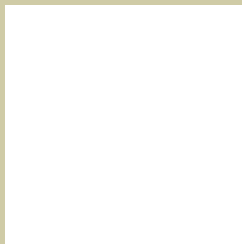
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.9780, -16.7512, 6.1583

Background



This preview shows how black text looks on a background with the YUV color 199.9780, -16.7512, 6.1583.



This preview shows how white text looks on a background with the YUV color 199.9780, -16.7512, 6.1583.

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

199.9780, -16.7512, 6.1583

Protanopia

200.4840, -17.4936, 10.9765

Deuteranopia

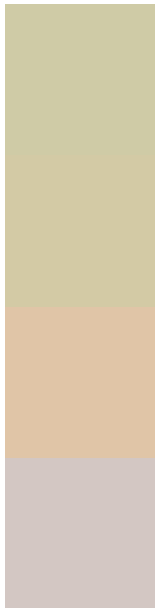
202.6970, -17.1056, 26.5757



Tritanopia

203.4940, 4.1935, 8.3368

Trichromacy



Original Color

199.9780, -16.7512, 6.1583

Protanomaly

200.4730, -17.4882, 9.2322

Deuteranomaly

201.6530, -17.0839, 19.5983

Tritanomaly

202.1320, -3.5161, 7.7772

Monochromacy



Original Color

199.9780, -16.7512, 6.1583

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9780, -16.7512, 6.1583 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(207, 203, 166)` looks like.

```
.text, #text, p{  
    color:rgb(207, 203, 166)  
}
```

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(207, 203, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 203, 166) }
```

Border

The CSS property to change the border of an element to YUV 199.9780, -16.7512, 6.1583 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(207, 203, 166) }
```


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

```
.border{ border-color:rgb(207, 203, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 203, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 203, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 203, 166);  
box-shadow:4px 4px 4px 4px rgb(207, 203,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 199.9780, -16.7512, 6.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 203, 166) }
```

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

```
.background{ background-color: rgb(207,  
203, 166) }
```

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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