

Converting Colors

YUV(180.2020, -16.3686,
23.5018)

Have a look what the booklet for
YUV(180.2020, -16.3686, 23.5018)
contains.

YUV(180.2020, -16.3686, 23.5018)	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(180.2020, -16.3686,
23.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAD93
RGB	207, 173, 147
RGB Percent	81%, 68%, 58%
CMY	0.1882, 0.3216, 0.4235
CMYK	0.00, 0.16, 0.29, 0.19
HSL	26°, 38%, 69%
HSV	26°, 29%, 81%
XYZ	45.9422, 45.2591, 33.9182
YIQ	180.2020, 28.6100, -0.8780

Conversions

Conversions Part 2

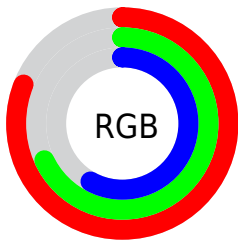
Format	Color
R _Y B	207, 193, 147
Decimal	13610387
CIE Lab	73.06, 8.51, 17.98
CIE LCh	73, 19.890, 64.669
Yxy	45.2591, 0.3672, 0.3617
Android (android.graphics.Color)	4291800467 (0xFFCFAD93)
YUV	180.2020, -16.3686, 23.5018
Hunter-Lab	67.2749, 4.1669, 17.2000

Details

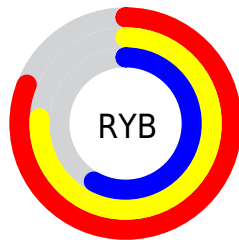
The YUV color **180.2020, -16.3686, 23.5018** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **173.7980, 16.3686, -23.5018**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.9950, -15.7735, 19.2984**, and **127.4190, -15.4896, 21.5575** is the 20% darker color. If you saturate the color by 10%, you get **170.7640, -22.0687, 31.7790**, and if you desaturate by 10%, it is **189.6400, -10.6685, 15.2247**.

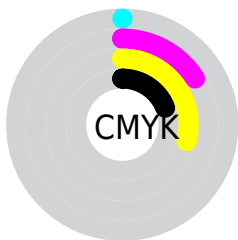
Distribution



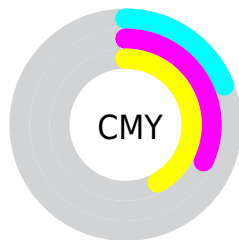
- Red (81%)
- Green (68%)
- Blue (58%)



- Red (81%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (16%)
- Yellow (29%)
- Black (19%)



- Cyan (19%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.2020, -16.3686, 23.5018 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 180.2020, -16.3686, 23.5018 by changing the saturation by 10% instead.

■ 180.2020,
-16.3686, 23.5018

■ 180.2020,
-16.3686, 23.5018

255.0000, 0.0000,
0.0000

■ 153.0170,
-15.7844, 22.7871

■ 232.9950,
-15.7735, 19.2984

■ 127.4190,
-15.4896, 21.5575

■ 252.0360,
-11.3567, 2.5994

■ 101.9350,
-14.7580, 20.2280

■ 77.5650, -13.5895,
18.7985

■ 54.9670, -13.2947,
17.5689

■ 32.7280, -14.1629,
16.0245

■ 11.0190, -5.4324,

15.7693

■ 0.0000, 0.0000,
0.0000

■ 180.2020,
-16.3686, 23.5018

■ 180.2020,
-16.3686, 23.5018

■ 170.7640,
-22.0687, 31.7790

■ 189.6400,
-10.6685, 15.2247

■ 162.0270,
-27.6213, 39.4413

■ 198.3770, -5.1159,
7.5624

■ 152.5890,
-33.3214, 47.7184

■ 207.8150, 0.5842,
-0.7148

■ 143.1510,
-39.0214, 55.9956

■ 217.2530, 6.2843,
-8.9919

■ 133.8270,
-44.2847, 64.1727

■ 226.6910, 11.9843,
-17.2690

■ 124.9760,
-50.2742, 71.9350

■ 233.6040, 10.5482,
-23.3317

■ 115.5380,
-55.9742, 80.2122

■ 240.6480, 7.0755,
-29.5093

■ 114.7230,
-56.5584, 80.9269

Harmonies

Analogous

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



181.3260, -11.0067, 30.4091



180.2020, -16.3686, 23.5018



178.4840, -17.4936, 10.9765

Triad

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



180.2020, -16.3686, 23.5018



172.3440, 4.7604, -33.6277



181.5780, 13.5190, 3.8781

Complementary

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



180.2020, -16.3686, 23.5018



173.7980, 16.3686, -23.5018

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.



178.6080, 17.9413, -14.5652



180.2020, -16.3686, 23.5018



172.4990, 13.0650, -37.2716

Square

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



180.2020, -16.3686, 23.5018



173.7880, -5.3185, -20.8621



174.9220, 18.2795, -29.7496



183.0270, 5.9027, 20.1473

Rectangle

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



180.2020, -16.3686, 23.5018



176.9880, -15.2771, 0.0105



174.9220, 18.2795, -29.7496



180.7020, 15.4299, -2.3697

Sweetspot

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



180.2020, -16.3686, 23.5018



244.7470, -6.2843, 8.9919



168.8160, 6.0067, 33.4874



121.5940, -4.2368, 5.6181



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.



180.2020, -16.3686, 23.5018



214.9170, -24.1161, 35.1528



197.8120, -25.0503, 8.0579



100.2240, -3.0684, 4.1886



93.0830, -45.8899, 65.7022



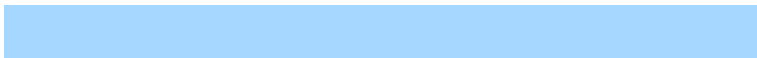
22.8250, -11.2527, 15.9395

Inverse Universe

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



173.7980, 16.3686, -23.5018



205.4960, 24.4055, -34.6380



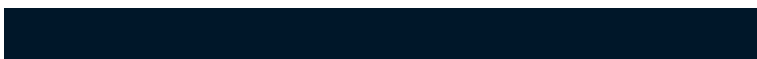
156.1880, 25.0503, -8.0579



98.7760, 3.0684, -4.1886



74.9170, 45.8899, -65.7022



18.1750, 11.2527, -15.9395

Previews

White Background



This preview shows how the YUV color 180.2020, -16.3686, 23.5018 looks on a white background.

Color Contrast Check

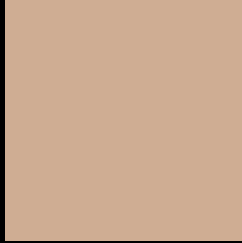
Large Text (above 18pt) WCAG AA × Fail

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 180.2020, -16.3686, 23.5018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

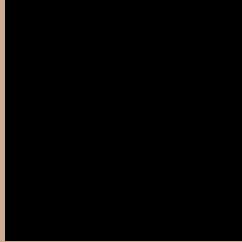
Any Text WCAG AA ✓ Pass

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 180.2020, -16.3686, 23.5018 Background



This preview shows how black text looks on a background with the YUV color 180.2020, -16.3686, 23.5018.



This preview shows how white text looks on a background with the YUV color 180.2020, -16.3686, 23.5018.

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

180.2020, -16.3686, 23.5018

Protanopia

178.6840, -14.1412, 9.0471

Deuteranopia

180.5010, -16.5160, 24.1166



Tritanopia

182.3390, -0.6601, 25.1357

Trichromacy



Original Color

180.2020, -16.3686, 23.5018

Protanomaly

179.4890, -15.0311, 14.4801

Deuteranomaly

180.5010, -16.5160, 24.1166

Tritanomaly

181.8460, -6.3331, 24.6911

Monochromacy



Original Color

180.2020, -16.3686, 23.5018

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.8610, -5.8475, 8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2020, -16.3686, 23.5018 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, 173, 147)` looks like.

```
.text, #text, p{  
    color:rgb(207, 173, 147)  
}
```

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, 173, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 173, 147) }
```

Border

The CSS property to change the border of an element to YUV 180.2020, -16.3686, 23.5018 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, 173, 147) }
```


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

```
.border{ border-color:rgb(207, 173, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 173, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 173, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 173, 147);  
box-shadow:4px 4px 4px 4px rgb(207, 173,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 180.2020, -16.3686, 23.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 173, 147) }
```

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

```
.background{ background-color: rgb(207,  
173, 147) }
```

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