

Converting Colors

YUV(204.6480, -19.5465,
16.0947)

Have a look what the booklet for
YUV(204.6480, -19.5465, 16.0947)
contains.

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Color

**YUV(204.6480, -19.5465,
16.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCBA5
RGB	223, 203, 165
RGB Percent	87%, 80%, 65%
CMY	0.1255, 0.2039, 0.3529
CMYK	0.00, 0.09, 0.26, 0.13
HSL	39°, 48%, 76%
HSV	39°, 26%, 87%
XYZ	58.5789, 61.1165, 44.3065
YIQ	204.6480, 24.1180, -7.5780

Conversions

Conversions Part 2

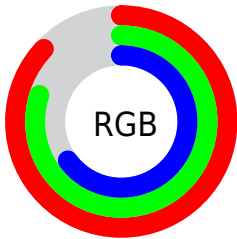
Format	Color
R _Y B	196, 223, 165
Decimal	14666661
CIE Lab	82.44, 1.19, 21.52
CIE LCh	82, 21.553, 86.839
Yxy	61.1165, 0.3572, 0.3727
Android (android.graphics.Color)	4292856741 (0xFFDFCBA5)
YUV	204.6480, -19.5465, 16.0947
Hunter-Lab	78.1770, -3.0578, 21.1215

Details

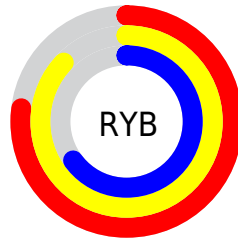
The YUV color $204.6480, -19.5465, 16.0947$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $183.3520, 19.5465, -16.0947$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.0100, -15.2879, 3.4992$, and $150.2780, -18.3781, 14.6652$ is the 20% darker color. If you saturate the color by 10%, you get $197.4440, -26.8409, 22.4126$, and if you desaturate by 10%, it is $211.8520, -12.2520, 9.7768$.

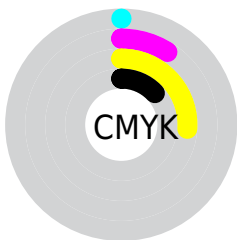
Distribution



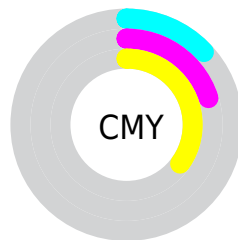
- Red (87%)
- Green (80%)
- Blue (65%)



- Red (77%)
- Yellow (87%)
- Blue (65%)



- Cyan (0%)
- Magenta (9%)
- Yellow (26%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.6480, -19.5465, 16.0947 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 204.6480, -19.5465, 16.0947 by changing the saturation by 10% instead.

■ 204.6480,
-19.5465, 16.0947

■ 204.6480,
-19.5465, 16.0947

■ 255.0000, 0.0000,
0.0000

■ 177.4630,
-18.9623, 15.3799

■ 251.0100,
-15.2879, 3.4992

■ 150.2780,
-18.3781, 14.6652

■ 254.3160, -2.6208,
0.5999

■ 124.0930,
-17.7938, 13.9504

■ 99.0220, -16.7728,
13.1357

■ 75.4240, -16.4780,
11.9062

■ 52.3530, -15.4570,
11.0914

■ 31.0540, -15.3096,

10.4766

■ 9.4800, -4.6736,
5.7180

■ 0.0000, 0.0000,
0.0000

■ 204.6480,
-19.5465, 16.0947

■ 204.6480,
-19.5465, 16.0947

■ 197.4440,
-26.8409, 22.4126

■ 211.8520,
-12.2520, 9.7768

■ 190.7130,
-34.8615, 28.3157

■ 218.5830, -4.2314,
3.8737

■ 183.5090,
-42.1559, 34.6336

■ 225.7870, 3.0630,
-2.4442

■ 176.3050,
-49.4504, 40.9515

■ 232.9910, 10.3574,
-8.7621

■ 169.6880,
-57.0342, 46.7546

■ 237.2140, 8.7685,
-12.4657

■ 162.3700,
-64.7654, 53.1725

■ 241.9100, 6.4534,
-16.5841

■ 155.1660,
-72.0598, 59.4904

■ 245.4320, 4.7170,
-19.6729

■ 152.3790,
-75.1228, 61.9346

Harmonies

Analogous

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



206.4200, -16.9691, 29.4497



204.6480, -19.5465, 16.0947



202.0480, -16.2927, -0.9191

Triad

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



204.6480, -19.5465, 16.0947



197.0640, 12.7864, -41.2751



208.6400, 9.5445, 18.7327

Complementary

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



204.6480, -19.5465, 16.0947



183.3520, 19.5465, -16.0947

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.



207.0550, 16.7349, -0.9252



204.6480, -19.5465, 16.0947



199.4050, 19.0273, -36.3122

Square

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



204.6480, -19.5465, 16.0947



197.9480, 1.9976, -34.1574



203.5470, 20.4363, -21.5277



208.7850, -0.3870, 30.8836

Rectangle

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



204.6480, -19.5465, 16.0947



200.8230, -11.7447, -12.9998



203.5470, 20.4363, -21.5277



207.9920, 12.3289, 12.2850

Sweetspot

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



204.6480, -19.5465, 16.0947



248.6110, -6.7102, 5.6032



184.6220, 0.1864, 33.6575



123.5830, -4.2314, 3.8737



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.



204.6480, -19.5465, 16.0947



230.1450, -26.6935, 21.7978



213.6970, -24.0076, 0.2657



108.3980, -3.6472, 3.1590



120.1290, -59.2236, 48.9989



33.1360, -16.3360, 13.0357

Inverse Universe

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



183.3520, 19.5465, -16.0947



200.8550, 26.6935, -21.7978



174.3030, 24.0076, -0.2657



104.6020, 3.6472, -3.1590



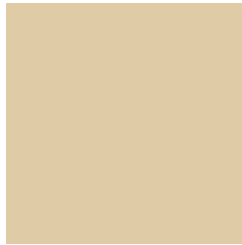
55.8710, 59.2236, -48.9989



15.4510, 16.0467, -13.5505

Previews

White Background



This preview shows how the YUV color 204.6480, -19.5465, 16.0947 looks on a white background.

Color Contrast Check

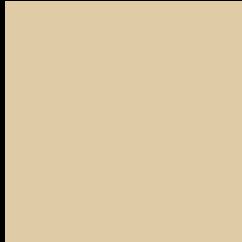
Large Text (above 18pt) WCAG AA × Fail

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 204.6480, -19.5465, 16.0947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

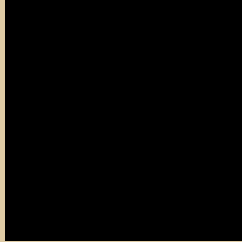
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.6480, -19.5465, 16.0947

Background



This preview shows how black text looks on a background with the YUV color 204.6480, -19.5465, 16.0947.



This preview shows how white text looks on a background with the YUV color 204.6480, -19.5465, 16.0947.

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

204.6480, -19.5465, 16.0947

Protanopia

204.4410, -18.9514, 11.8912

Deuteranopia

205.7250, -19.5844, 28.3052



Tritanopia

208.2780, 1.8349, 18.1732

Trichromacy



Original Color

204.6480, -19.5465, 16.0947

Protanomaly

204.4520, -18.9568, 13.6356

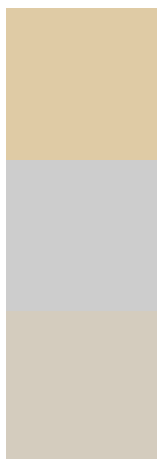
Deuteranomaly

205.4040, -19.4262, 24.2017

Tritanomaly

206.9160, -5.8746, 17.6137

Monochromacy



Original Color

204.6480, -19.5465, 16.0947

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.7960, -7.2944, 6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6480, -19.5465, 16.0947 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(223, 203, 165)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 165)  
}
```

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(223, 203, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 165) }
```

Border

The CSS property to change the border of an element to YUV 204.6480, -19.5465, 16.0947 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(223, 203, 165) }
```


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

```
.border{ border-color:rgb(223, 203, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 165);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 204.6480, -19.5465, 16.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 165) }
```

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

```
.background{ background-color: rgb(223,  
203, 165) }
```

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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