

Converting Colors

YIQ(204.6470, 16.6910,
-10.6450)

Have a look what the booklet for
YIQ(204.6470, 16.6910, -10.6450)
contains.

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Color

**YIQ(204.6470, 16.6910,
-10.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CFA8
RGB	214, 207, 168
RGB Percent	84%, 81%, 66%
CMY	0.1608, 0.1882, 0.3411
CMYK	0.00, 0.03, 0.21, 0.16
HSL	51°, 36%, 75%
HSV	51°, 21%, 84%
XYZ	57.1132, 61.7481, 45.9662
YIQ	204.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

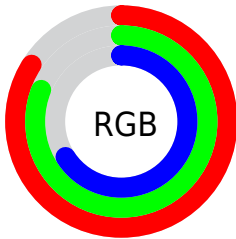
Format	Color
R_{YB}	176, 214, 168
Decimal	14077864
CIE _{Lab}	82.78, -3.85, 20.28
CIE _{LCh}	83, 20.637, 100.743
Yxy	61.7481, 0.3465, 0.3746
Android (android.graphics.Color)	4292267944 (0xFFD6CFA8)
YUV	204.6470, -18.0670, 8.2026
Hunter-Lab	78.5800, -7.7781, 20.3236

Details

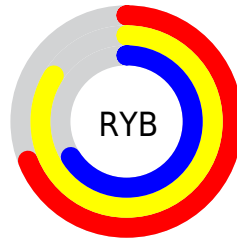
The YIQ color $204.6470, 16.6910, -10.6450$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $177.3530, -16.6910, 10.6450$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.3520, 10.2720, -9.9520$, and $150.5760, 15.4530, -10.2350$ is the 20% darker color. If you saturate the color by 10%, you get $200.4920, 24.2570, -15.6070$, and if you desaturate by 10%, it is $208.8020, 9.1250, -5.6830$.

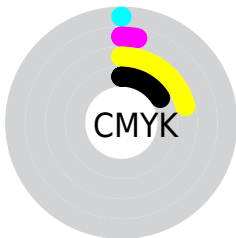
Distribution



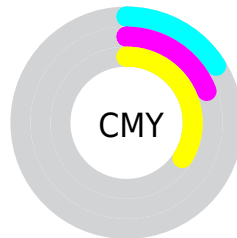
- Red (84%)
- Green (81%)
- Blue (66%)



- Red (69%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.6470, 16.6910, -10.6450 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 YIQ color 204.6470, 16.6910, -10.6450 by changing the saturation by 10% instead.

■ 204.6470, 16.6910,
-10.6450

■ 204.6470, 16.6910,
-10.6450

■ 255.0000, -0.0000,
-0.0000

■ 177.4620, 15.7740,
-10.5460

■ 251.3520, 10.2720,
-9.9520

■ 150.5760, 15.4530,
-10.2350

■ 254.6580, 0.9630,
-0.9330

■ 124.3910, 14.5360,
-10.1360

■ 99.5050, 14.2150,
-9.8250

■ 75.4340, 12.9770,
-9.4150

■ 52.5480, 12.6560,
-9.1040

■ 31.0210, 12.7020,

-9.9380

■ 8.8380, 0.2760,
-5.0040

■ 0.0000, 0.0000,
0.0000

■ 204.6470, 16.6910,
-10.6450

■ 204.6470, 16.6910,
-10.6450

■ 200.4920, 24.2570,
-15.6070

■ 208.8020, 9.1250,
-5.6830

■ 195.6360, 32.4190,
-20.3570

■ 213.6580, 0.9630,
-0.9330

■ 191.4810, 39.9850,
-25.3190

■ 217.8130, -6.6030,
4.0290

■ 187.2120, 47.8720,
-30.5920

■ 222.0820,
-14.4900, 9.3020

■ 183.0570, 55.4380,
-35.5540

■ 223.9570,
-15.6360, 8.0440

■ 178.3150, 63.2790,
-39.9930

■ 226.3050,
-16.7360, 5.9520

■ 174.0460, 71.1660,
-45.2660

■ 228.0660,
-17.5610, 4.3830

■ 170.2330, 77.7690,
-49.2950

■ 229.8270,
-18.3860, 2.8140

■ 231.5880,
-19.2110, 1.2450

Harmonies

Analogous

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



207.0340, 29.0230, -2.8570



204.6470, 16.6910, -10.6450



202.5030, -0.6390, -15.9590

Triad

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



204.6470, 16.6910, -10.6450



199.4710, -41.1710, -8.2670



209.7070, 17.6030, 16.8910

Complementary

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



204.6470, 16.6910, -10.6450



177.3530, -16.6910, 10.6450

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.



208.8990, -0.5530, 15.5350



204.6470, 16.6910, -10.6450



202.5630, -35.2580, 0.2140

Square

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



204.6470, 16.6910, -10.6450



198.6040, -34.4760, -13.9640



205.8580, -19.6710, 9.5850



209.6450, 29.3410, 13.4130

Rectangle

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



204.6470, 16.6910, -10.6450



200.4460, -13.6600, -16.7640



205.8580, -19.6710, 9.5850



209.4830, 12.4220, 17.1740

Sweetspot

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



204.6470, 16.6910, -10.6450



252.1160, 5.3650, -3.6190



182.6660, 24.8480, 12.2400



125.8000, 3.4390, -1.7530



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.



204.6470, 16.6910, -10.6450



241.6060, 23.9360, -15.2960



204.2710, 5.8260, -17.4860



104.5720, 4.0810, -2.3750



136.2440, 62.0410, -39.5830



34.5760, 15.4530, -10.2350

Inverse Universe

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



177.3530, -16.6910, 10.6450



202.3940, -23.9360, 15.2960



177.7290, -5.8260, 17.4860



98.4280, -4.0810, 2.3750



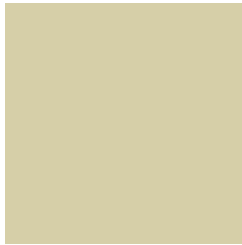
34.7560, -62.0410, 39.5830



9.0110, -15.7280, 9.7120

Previews

White Background



This preview shows how the YIQ color 204.6470, 16.6910, -10.6450 looks on a white background.

Color Contrast Check

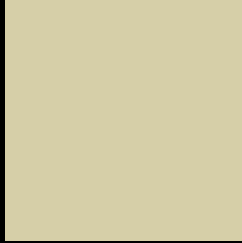
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 204.6470, 16.6910, -10.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

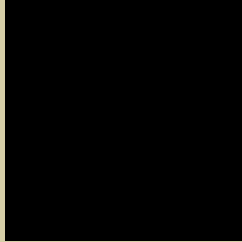
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

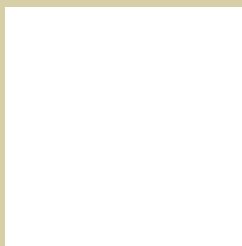
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.6470, 16.6910, -10.6450

Background



This preview shows how black text looks on a background with the YIQ color 204.6470, 16.6910, -10.6450.



This preview shows how white text looks on a background with the YIQ color 204.6470, 16.6910,

-10.6450.

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

204.6470, 16.6910, -10.6450

Protanopia

205.1420, 19.6710, -9.5850

Deuteranopia

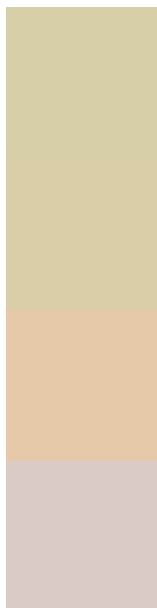
207.0670, 33.4240, -0.0160



Tritanopia

207.8040, 6.7840, 9.2160

Trichromacy



Original Color

204.6470, 16.6910, -10.6450

Protanomaly

204.8430, 19.0750, -9.7970

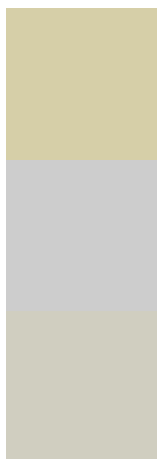
Deuteranomaly

206.0230, 27.5560, -3.8040

Tritanomaly

207.0290, 10.2240, 1.9360

Monochromacy



Original Color

204.6470, 16.6910, -10.6450

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.0020, 5.6860, -3.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.6470, 16.6910, -10.6450 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(214, 207, 168)` looks like.

```
.text, #text, p{  
    color:rgb(214, 207, 168)  
}
```

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(214, 207, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 207, 168) }
```

Border

The CSS property to change the border of an element to YIQ 204.6470, 16.6910, -10.6450 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(214, 207, 168) }
```


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

```
.border{ border-color:rgb(214, 207, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 207, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 207, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 207, 168);  
box-shadow:4px 4px 4px 4px rgb(214, 207,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 204.6470, 16.6910, -10.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 207, 168) }
```

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

```
.background{ background-color: rgb(214,  
207, 168) }
```

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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