

Converting Colors

YIQ(200.6460, 18.4320, -3.6480)

Have a look what the booklet for
YIQ(200.6460, 18.4320, -3.6480)
contains.

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Color

**YIQ(200.6460, 18.4320,
-3.6480)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C6AE
RGB	216, 198, 174
RGB Percent	85%, 78%, 68%
CMY	0.1529, 0.2235, 0.3175
CMYK	0.00, 0.08, 0.19, 0.15
HSL	34°, 35%, 76%
HSV	34°, 19%, 85%
XYZ	56.1556, 58.0416, 48.2998
YIQ	200.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

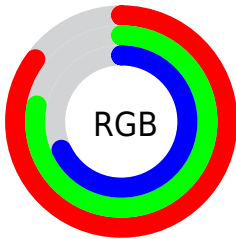
Format	Color
RYB	206, 216, 174
Decimal	14206638
CIELab	80.76, 2.48, 14.30
CIElCh	81, 14.513, 80.172
Yxy	58.0416, 0.3456, 0.3572
Android (android.graphics.Color)	4292396718 (0xFFD8C6AE)
YUV	200.6460, -13.1365, 13.4655
Hunter-Lab	76.1850, -1.7524, 15.7409

Details

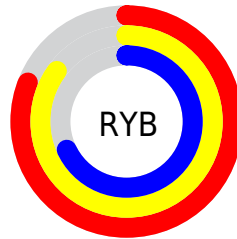
The YIQ color $200.6460, 18.4320, -3.6480$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $189.3540, -18.4320, 3.6480$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1500, 8.0250, -7.7750$, and $146.5750, 17.1940, -3.2380$ is the 20% darker color. If you saturate the color by 10%, you get $192.8550, 27.9690, -5.7830$, and if you desaturate by 10%, it is $208.4370, 8.8950, -1.5130$.

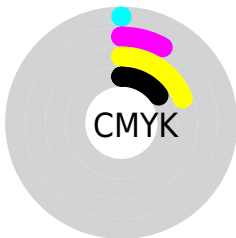
Distribution



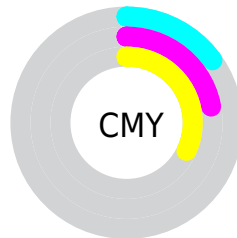
- Red (85%)
- Green (78%)
- Blue (68%)



- Red (81%)
- Yellow (85%)
- Blue (68%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (15%)





- Cyan (15%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.6460, 18.4320, -3.6480 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 200.6460, 18.4320, -3.6480 by changing the saturation by 10% instead.


 200.6460, 18.4320,
-3.6480


 200.6460, 18.4320,
-3.6480


255.0000, -0.0000,
-0.0000


 173.3470, 17.8360,
-3.8600


 252.1500, 8.0250,
-7.7750

 146.5750, 17.1940,
-3.2380

 120.9770, 16.0020,
-3.6620

 96.0910, 15.6810,
-3.3510

 71.9060, 14.7640,
-3.2520

 49.4220, 13.2510,
-3.3650

 27.9660, 14.5350,

-4.6090

■ 3.8760, 6.2810,
1.8090

■ 0.0000, 0.0000,
0.0000

■ 200.6460, 18.4320,
-3.6480

■ 200.6460, 18.4320,
-3.6480

■ 192.8550, 27.9690,
-5.7830

■ 208.4370, 8.8950,
-1.5130

■ 184.5910, 37.4600,
-7.0840

■ 216.7010, -0.5960,
-0.2120

■ 176.8000, 46.9970,
-9.2190

■ 224.4920,
-10.1330, 1.9230

■ 169.1230, 56.2130,
-11.0430

■ 231.5990,
-17.7440, 2.1920

■ 161.3320, 65.7500,
-13.1780

■ 236.8820,
-20.2190, -2.5150

■ 152.9540, 75.5620,
-14.7900

■ 242.7520,
-22.9690, -7.7450

■ 145.2770, 84.7780,
-16.6140

■ 243.3390,
-23.2440, -8.2680

■ 137.4860, 94.3150,
-18.7490

■ 136.7850, 94.9110,
-18.5370

Harmonies

Analogous

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



201.9720, 23.5660, 2.4300



200.6460, 18.4320, -3.6480



198.9220, 8.6670, -8.3970

Triad

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



200.6460, 18.4320, -3.6480



195.5560, -25.3530, -8.5930



202.7160, 4.2160, 11.7040

Complementary

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



200.6460, 18.4320, -3.6480



189.3540, -18.4320, 3.6480

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.



201.7790, -9.2630, 8.1850



200.6460, 18.4320, -3.6480



197.2340, -27.1420, -3.7020

Square

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



200.6460, 18.4320, -3.6480



196.0530, -16.6870, -11.4630



199.1580, -20.8160, 2.8000



203.3490, 15.4950, 11.0390

Rectangle

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



200.6460, 18.4320, -3.6480



197.9640, -0.3190, -10.7430



199.1580, -20.8160, 2.8000



202.7370, -0.2770, 10.5310

Sweetspot

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



200.6460, 18.4320, -3.6480



249.1810, 6.7400, -1.0040



188.6100, 19.2540, 14.5020



124.6260, 3.9890, -0.7070



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.



200.6460, 18.4320, -3.6480



233.5990, 25.8140, -5.2740



210.3150, 11.6940, -13.6980



103.3980, 4.6310, -1.3290



108.6550, 74.9660, -15.0020



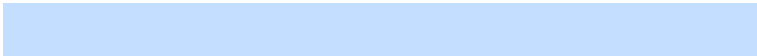
27.5320, 18.7530, -3.9590

Inverse Universe

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



189.3540, -18.4320, 3.6480



217.9880, -26.0890, 4.7510



179.6850, -11.6940, 13.6980



100.1890, -4.9060, 0.8060



62.3450, -74.9660, 15.0020



16.0550, -19.0280, 3.4360

Previews

White Background



This preview shows how the YIQ color 200.6460, 18.4320, -3.6480 looks on a white background.

Color Contrast Check

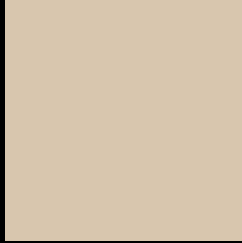
Large Text (above 18pt) WCAG AA × Fail

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 200.6460, 18.4320, -3.6480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

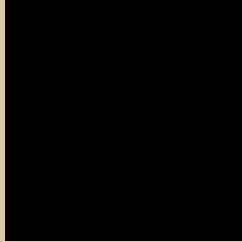
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

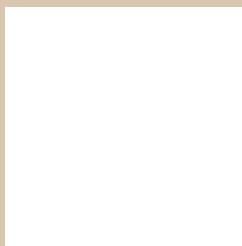
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.6460, 18.4320, -3.6480

Background



This preview shows how black text looks on a background with the YIQ color 200.6460, 18.4320, -3.6480.



This preview shows how white text looks on a background with the YIQ color 200.6460, 18.4320,

-3.6480.

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

200.6460, 18.4320, -3.6480

Protanopia

200.1400, 13.9850, -5.6550

Deuteranopia

201.7120, 27.2340, 2.0340



Tritanopia

202.7830, 11.2770, 10.3890

Trichromacy



Original Color

200.6460, 18.4320, -3.6480

Protanomaly

200.1510, 15.4520, -4.7080

Deuteranomaly

201.3910, 23.7040, -0.0720

Tritanomaly

202.2900, 13.9830, 5.3990

Monochromacy



Original Color

200.6460, 18.4320, -3.6480

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.7680, 6.4650, -1.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.6460, 18.4320, -3.6480 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(216, 198, 174)` looks like.

```
.text, #text, p{  
    color:rgb(216, 198, 174)  
}
```

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(216, 198, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 198, 174) }
```

Border

The CSS property to change the border of an element to YIQ 200.6460, 18.4320, -3.6480 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(216, 198, 174) }
```


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

```
.border{ border-color:rgb(216, 198, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 198, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 198, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 198, 174);  
box-shadow:4px 4px 4px 4px rgb(216, 198,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 200.6460, 18.4320, -3.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 198, 174) }
```

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

```
.background{ background-color: rgb(216,  
198, 174) }
```

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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