

Converting Colors

YIQ(204.3080, 13.5720, -3.6760)

Have a look what the booklet for
YIQ(204.3080, 13.5720, -3.6760)
contains.

YIQ(204.3080, 13.5720, -3.6760)	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

**YIQ(204.3080, 13.5720,
-3.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CBB7
RGB	215, 203, 183
RGB Percent	84%, 80%, 72%
CMY	0.1568, 0.2039, 0.2823
CMYK	0.00, 0.06, 0.15, 0.16
HSL	37°, 29%, 78%
HSV	37°, 15%, 84%
XYZ	57.9294, 60.5768, 53.4487
YIQ	204.3080, 13.5720, -3.6760

Conversions

Conversions Part 2

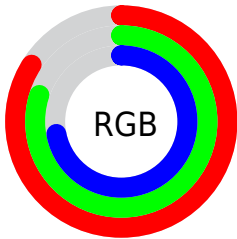
Format	Color
R _Y B	202, 215, 183
Decimal	14142391
CIE Lab	82.15, 0.86, 11.46
CIE LCh	82, 11.489, 85.694
Yxy	60.5768, 0.3369, 0.3523
Android (android.graphics.Color)	4292332471 (0xFFD7CBB7)
YUV	204.3080, -10.5048, 9.3769
Hunter-Lab	77.8311, -3.3476, 13.7657

Details

The YIQ color $204.3080, 13.5720, -3.6760$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $193.6920, -13.5720, 3.6760$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.1760, 5.1360, -4.9760$, and $150.1230, 12.6550, -3.5770$ is the 20% darker color. If you saturate the color by 10%, you get $197.2180, 22.5130, -6.0230$, and if you desaturate by 10%, it is $211.5120, 4.3100, -1.0180$.

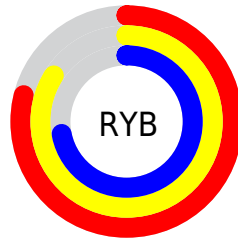
Distribution



Red (84%)

Green (80%)

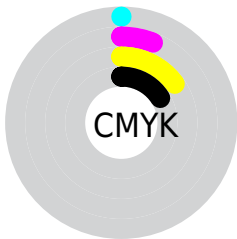
Blue (72%)



Red (79%)

Yellow (84%)

Blue (72%)

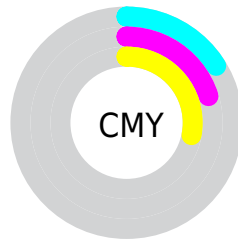


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (16%)



Cyan (16%)


Magenta (20%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.3080, 13.5720, -3.6760 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 204.3080, 13.5720, -3.6760 by changing the saturation by 10% instead.


 204.3080, 13.5720,
-3.6760


 204.3080, 13.5720,
-3.6760


255.0000, -0.0000,
-0.0000


 177.0090, 12.9760,
-3.8880


 253.1760, 5.1360,
-4.9760

 150.1230, 12.6550,
-3.5770

 124.2370, 12.3340,
-3.2660

 99.0520, 11.4170,
-3.1670

 75.7530, 10.8210,
-3.3790

 52.5680, 9.9040,
-3.2800

 31.2690, 9.3080,

-3.4920

■ 8.2950, 6.4190,
-0.6930

■ 0.0000, 0.0000,
0.0000

■ 204.3080, 13.5720,
-3.6760

■ 204.3080, 13.5720,
-3.6760

■ 197.2180, 22.5130,
-6.0230

■ 211.5120, 4.3100,
-1.0180

■ 190.0140, 31.7750,
-8.6810

■ 218.6020, -4.6310,
1.3290

■ 182.9240, 40.7160,
-11.0280

■ 225.8060,
-13.8930, 3.9870

■ 175.7200, 49.9780,
-13.6860

■ 231.3000,
-18.3400, 1.9800

■ 168.6300, 58.9190,
-16.0330

■ 235.9960,
-20.5400, -2.2040

■ 161.4260, 68.1810,
-18.6910

■ 240.6920,
-22.7400, -6.3880

■ 154.3360, 77.1220,
-21.0380

■ 243.0400,
-23.8400, -8.4800

■ 146.5450, 86.6590,
-23.1730

■ 142.9430, 91.2900,
-24.5020

Harmonies

Analogous

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



205.6940, 18.4770, 1.0450



204.3080, 13.5720, -3.6760



202.7090, 4.9530, -7.1670

Triad

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



204.3080, 13.5720, -3.6760



201.0620, -20.9060, -6.5860



206.4340, 4.9500, 9.4140

Complementary

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



204.3080, 13.5720, -3.6760



193.6920, -13.5720, 3.6760

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.



205.4050, -5.2740, 7.4780



204.3080, 13.5720, -3.6760



202.1100, -20.8610, -1.8930

Square

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



204.3080, 13.5720, -3.6760



201.0040, -14.9910, -9.1590



203.7950, -15.3600, 3.0400



206.3980, 13.7990, 8.7350

Rectangle

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



204.3080, 13.5720, -3.6760



201.9470, -1.6490, -8.6650



203.7950, -15.3600, 3.0400



206.0530, 1.6490, 8.6650

Sweetspot

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



204.3080, 13.5720, -3.6760



251.5120, 4.3100, -1.0180



193.9360, 15.2200, 10.5160



125.4410, 3.0720, -0.6080



0.0000, 0.0000, 0.0000



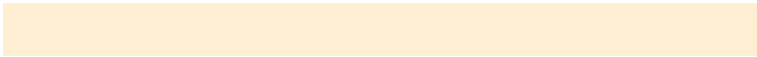
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



204.3080, 13.5720, -3.6760



239.7770, 19.4410, -5.4150



210.1560, 7.8880, -10.8000



103.3980, 4.6310, -1.3290



113.9380, 72.4910, -19.7090



28.7060, 18.2030, -5.0050

Inverse Universe

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



193.6920, -13.5720, 3.6760



224.2230, -19.4410, 5.4150



187.8440, -7.8880, 10.8000



99.6020, -4.6310, 1.3290



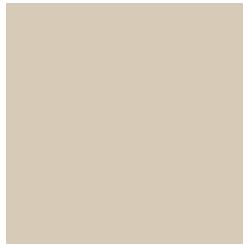
57.0620, -72.4910, 19.7090



14.2940, -18.2030, 5.0050

Previews

White Background



This preview shows how the YIQ color 204.3080, 13.5720, -3.6760 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 204.3080, 13.5720, -3.6760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

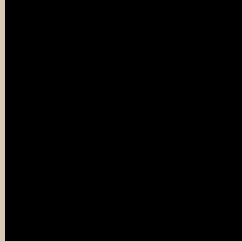
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

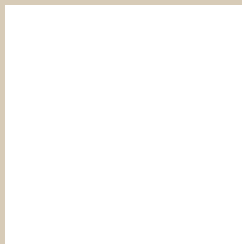
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.3080, 13.5720, -3.6760

Background



This preview shows how black text looks on a background with the YIQ color 204.3080, 13.5720, -3.6760.



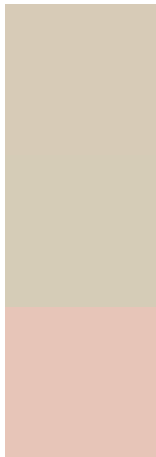
This preview shows how white text looks on a background with the YIQ color 204.3080, 13.5720,

-3.6760.

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

204.3080, 13.5720, -3.6760

Protanopia

204.2970, 12.1050, -4.6230

Deuteranopia

205.6840, 24.4370, 3.1650



Tritanopia

206.1030, 7.3800, 9.4280

Trichromacy



Original Color

204.3080, 13.5720, -3.6760

Protanomaly

204.5960, 12.7010, -4.4110

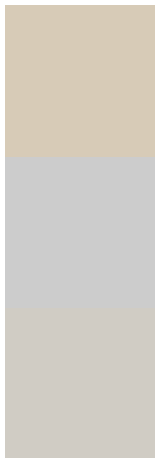
Deuteranomaly

205.0640, 20.3110, 0.8470

Tritanomaly

205.7240, 9.7650, 4.7490

Monochromacy



Original Color

204.3080, 13.5720, -3.6760

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.2840, 4.9520, -1.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.3080, 13.5720, -3.6760 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(215, 203, 183)` looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 183)  
}
```

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(215, 203, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 183) }
```

Border

The CSS property to change the border of an element to YIQ 204.3080, 13.5720, -3.6760 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(215, 203, 183) }
```


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

```
.border{ border-color:rgb(215, 203, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 203, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 183);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 204.3080, 13.5720, -3.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 183) }
```

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

```
.background{ background-color: rgb(215,  
203, 183) }
```

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