

Converting Colors

YIQ(179.4680, 32.8320,
-22.3360)

Have a look what the booklet for
YIQ(179.4680, 32.8320, -22.3360)
contains.

YIQ(179.4680, 32.8320, -22.3360)	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(179.4680, 32.8320,
-22.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B969
RGB	197, 185, 105
RGB Percent	77%, 73%, 41%
CMY	0.2275, 0.2745, 0.5880
CMYK	0.00, 0.06, 0.47, 0.23
HSL	52°, 44%, 59%
HSV	52°, 47%, 77%
XYZ	42.9247, 47.5862, 20.3005
YIQ	179.4680, 32.8320, -22.3360

Conversions

Conversions Part 2

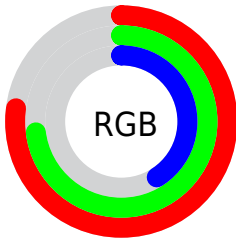
Format	Color
RYB	119, 197, 105
Decimal	12958057
CIELab	74.56, -6.75, 41.89
CIELCh	75, 42.427, 99.149
Yxy	47.5862, 0.3874, 0.4294
Android (android.graphics.Color)	4291148137 (0xFFC5B969)
YUV	179.4680, -36.7127, 15.3756
Hunter-Lab	68.9828, -9.6477, 30.8399

Details

The YIQ color $179.4680, 32.8320, -22.3360$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $122.5320, -32.8320, 22.3360$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.7240, 34.9870, -22.8450$, and $125.9130, 30.0810, -22.0390$ is the 20% darker color. If you saturate the color by 10%, you get $175.4270, 40.0770, -26.9870$, and if you desaturate by 10%, it is $183.5090, 25.5870, -17.6850$.

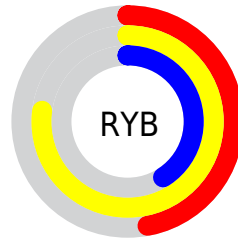
Distribution



Red (77%)

Green (73%)

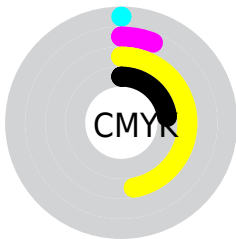
Blue (41%)



Red (47%)

Yellow (77%)

Blue (41%)

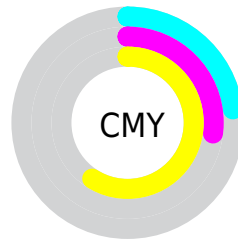


Cyan (0%)

Magenta (6%)

Yellow (47%)

Black (23%)



Cyan (23%)


Magenta (27%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.4680, 32.8320, -22.3360 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 179.4680, 32.8320, -22.3360 by changing the saturation by 10% instead.


 179.4680, 32.8320,
-22.3360


 179.4680, 32.8320,
-22.3360


255.0000, -0.0000,
-0.0000


 152.3970, 31.5940,
-21.9260


 235.7240, 34.9870,
-22.8450


 125.9130, 30.0810,
-22.0390


 247.0200, 22.4700,
-21.7700


 100.6140, 29.4850,
-22.2510

 250.2120, 13.4820,
-13.0620

 75.2610, 28.9810,
-24.1310

 253.5180, 4.1730,
-4.0430

 54.3560, 21.6440,
-17.8120

 34.5540, 12.5190,
-12.1290

 13.5450, -0.4570,

-8.2410

■ 0.0000, 0.0000,
0.0000

■ 179.4680, 32.8320,
-22.3360

■ 179.4680, 32.8320,
-22.3360

■ 175.4270, 40.0770,
-26.9870

■ 183.5090, 25.5870,
-17.6850

■ 172.0870, 46.7260,
-31.8500

■ 186.8490, 18.9380,
-12.8220

■ 168.0460, 53.9710,
-36.5010

■ 190.8900, 11.6930,
-8.1710

■ 164.5920, 60.9410,
-41.6750

■ 194.3440, 4.7230,
-2.9970

■ 160.6650, 67.8650,
-46.0150

■ 198.3850, -2.5220,
1.6540

■ 159.2800, 70.3870,
-47.6690

■ 201.7250, -9.1710,
6.5170

■ 205.7660,
-16.4160, 11.1680

■ 208.8950,
-21.0930, 13.3310

■ 210.0690,
-21.6430, 12.2850

Harmonies

Analogous

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



182.9860, 55.3410, -6.2510



179.4680, 32.8320, -22.3360



175.1910, -0.3610, -32.0170

Triad

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



179.4680, 32.8320, -22.3360



144.9080, -129.7010, -33.8050



188.6850, 33.0050, 35.1250

Complementary

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



179.4680, 32.8320, -22.3360



122.5320, -32.8320, 22.3360

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.



187.7160, -3.8110, 30.5330



179.4680, 32.8320, -22.3360



164.4650, -93.7600, -7.8400

Square

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



179.4680, 32.8320, -22.3360



152.7420, -97.2390, -38.4150



179.8460, -45.7600, 14.3360



185.7780, 54.3720, 27.8440

Rectangle

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



179.4680, 32.8320, -22.3360



170.0660, -27.8700, -34.5740



179.8460, -45.7600, 14.3360



188.5250, 21.7720, 34.9560

Sweetspot

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



179.4680, 32.8320, -22.3360



247.9610, 12.9310, -8.5810



133.8760, 50.9800, 23.2360



123.7310, 7.8870, -5.2730



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.



179.4680, 32.8320, -22.3360



227.5450, 51.1280, -34.5360



176.3460, 9.2680, -35.8200



97.3870, 3.1640, -2.2760



132.0910, 58.0980, -39.7100



28.9610, 12.9310, -8.5810

Inverse Universe

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



122.5320, -32.8320, 22.3360



139.4550, -51.1280, 34.5360



125.6540, -9.2680, 35.8200



91.6130, -3.1640, 2.2760



30.9090, -58.0980, 39.7100



7.0390, -12.9310, 8.5810

Previews

White Background



This preview shows how the YIQ color 179.4680, 32.8320, -22.3360 looks on a white background.

Color Contrast Check

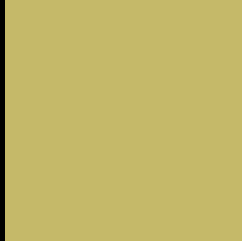
Large Text (above 18pt) WCAG AA × Fail

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 179.4680, 32.8320, -22.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

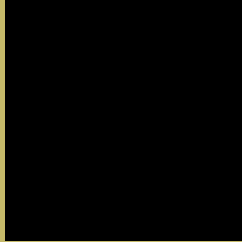
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.4680, 32.8320, -22.3360

Background



This preview shows how black text looks on a background with the YIQ color 179.4680, 32.8320, -22.3360.



This preview shows how white text looks on a background with the YIQ color 179.4680, 32.8320, -22.3360.

-22.3360.

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

179.4680, 32.8320, -22.3360

Protanopia

180.0770, 35.4910, -20.9650

Deuteranopia

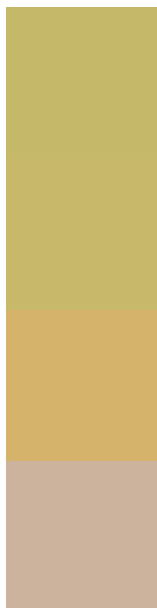
181.6000, 50.4360, -10.9720



Tritanopia

185.8650, 13.9820, 10.9260

Trichromacy



Original Color

179.4680, 32.8320, -22.3360

Protanomaly

179.7780, 34.8950, -21.1770

Deuteranomaly

181.1430, 44.2930, -15.2830

Tritanomaly

183.7820, 21.0450, -1.4430

Monochromacy



Original Color

179.4680, 32.8320, -22.3360

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.1890, 12.2890, -7.9590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4680, 32.8320, -22.3360 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(197, 185, 105)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 105)  
}
```

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(197, 185, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 105) }
```

Border

The CSS property to change the border of an element to YIQ 179.4680, 32.8320, -22.3360 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(197, 185, 105) }
```


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

```
.border{ border-color:rgb(197, 185, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 185, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 105);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4680, 32.8320, -22.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 105) }
```

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

```
.background{ background-color: rgb(197,  
185, 105) }
```

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