

Converting Colors

YIQ(174.3910, 22.5630,
-28.9650)

Have a look what the booklet for
YIQ(174.3910, 22.5630, -28.9650)
contains.

YIQ(174.3910, 22.5630, -28.9650)	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(174.3910, 22.5630,
-28.9650)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BB64
RGB	178, 187, 100
RGB Percent	70%, 73%, 39%
CMY	0.3020, 0.2666, 0.6077
CMYK	0.05, 0.00, 0.47, 0.27
HSL	66°, 39%, 56%
HSV	66°, 47%, 73%
XYZ	38.4289, 45.9257, 18.9059
YIQ	174.3910, 22.5630, -28.9650

Conversions

Conversions Part 2

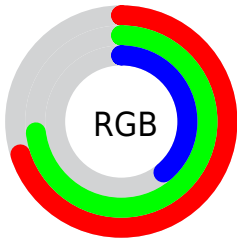
Format	Color
RYB	100, 187, 109
Decimal	11713380
CIELab	73.50, -16.04, 42.73
CIELCh	73, 45.640, 110.577
Yxy	45.9257, 0.3722, 0.4448
Android (android.graphics.Color)	4289903460 (0xFFB2BB64)
YUV	174.3910, -36.6748, 3.1651
Hunter-Lab	67.7685, -17.3744, 30.8974

Details

The YIQ color $174.3910, 22.5630, -28.9650$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $112.6090, -22.5630, 28.9650$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.3480, 24.1220, -29.6860$, and $121.4340, 21.0040, -28.2440$ is the 20% darker color. If you saturate the color by 10%, you get $171.6270, 27.4700, -35.2980$, and if you desaturate by 10%, it is $177.1550, 17.6560, -22.6320$.

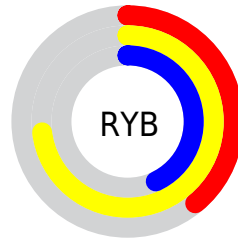
Distribution



Red (70%)

Green (73%)

Blue (39%)



Red (39%)

Yellow (73%)

Blue (43%)

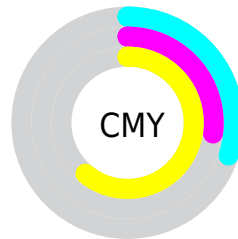


Cyan (5%)

Magenta (0%)

Yellow (47%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.3910, 22.5630, -28.9650 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 174.3910, 22.5630, -28.9650 by changing the saturation by 10% instead.

■ 174.3910, 22.5630,
-28.9650

■ 174.3910, 22.5630,
-28.9650

■ 255.0000, -0.0000,
-0.0000

■ 147.3200, 21.3250,
-28.5550

■ 230.3480, 24.1220,
-29.6860

■ 121.4340, 21.0040,
-28.2440

■ 246.4500, 24.0750,
-23.3250

■ 95.7220, 20.1330,
-28.9790

■ 249.6420, 15.0870,
-14.6170

■ 70.8360, 19.8120,
-28.6680

■ 252.9480, 5.7780,
-5.5980

■ 50.1590, 11.8330,
-21.7270

■ 29.7700, 2.9830,
-15.5210

■ 12.3270, -5.7750,

-10.9830

■ 0.0000, 0.0000,
0.0000

■ 174.3910, 22.5630,
-28.9650

■ 174.3910, 22.5630,
-28.9650

■ 171.6270, 27.4700,
-35.2980

■ 177.1550, 17.6560,
-22.6320

■ 168.9770, 32.0560,
-41.3200

■ 179.8050, 13.0700,
-16.6100

■ 166.2130, 36.9630,
-47.6530


■ 182.5690, 8.1630,
-10.2770

■ 163.4490, 41.8700,
-53.9860


■ 185.3330, 3.2560,
-3.9440


■ 160.7990, 46.4560,
-60.0080


■ 188.0970, -1.6510,
2.3890

 160.0010, 48.7030,
-62.1850

 190.7470, -6.2370,
8.4110

 193.5110,
-11.1440, 14.7440

 196.2750,
-16.0510, 21.0770

 197.1440,
-17.0600, 22.8440

Harmonies

Analogous

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



178.3780, 50.9410, -14.6190



174.3910, 22.5630, -28.9650



168.8730, -17.1410, -36.2850

Triad

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



174.3910, 22.5630, -28.9650



144.0420, -132.7740, -27.6700



184.5680, 46.5760, 36.9760

Complementary

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



174.3910, 22.5630, -28.9650



112.6090, -22.5630, 28.9650

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.



185.7890, 12.2810, 36.2570



174.3910, 22.5630, -28.9650



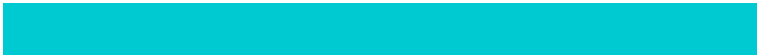
165.4280, -83.1700, -1.5220

Square

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



174.3910, 22.5630, -28.9650



142.4000, -122.6390, -40.6470



180.8310, -32.2360, 22.5480



180.5630, 62.1670, 24.2390

Rectangle

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



174.3910, 22.5630, -28.9650



161.5240, -49.8310, -38.5590



180.8310, -32.2360, 22.5480



185.4190, 36.8100, 37.7540

Sweetspot

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



174.3910, 22.5630, -28.9650



237.2270, 9.1260, -11.2100



131.2960, 49.3770, 13.7370



119.1220, 5.2280, -6.6440



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



174.3910, 22.5630, -28.9650



222.4240, 34.9910, -44.9530



161.5340, -3.0650, -38.0810



92.6750, 2.2930, -3.0110



135.2040, 41.1820, -52.5300



26.2700, 7.5670, -10.4890

Inverse Universe

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



112.6090, -22.5630, 28.9650



126.5760, -34.9910, 44.9530



125.4660, 3.0650, 38.0810



86.3250, -2.2930, 3.0110



22.7960, -41.1820, 52.5300



4.4310, -8.1630, 10.2770

Previews

White Background



This preview shows how the YIQ color 174.3910, 22.5630, -28.9650 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 174.3910, 22.5630, -28.9650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

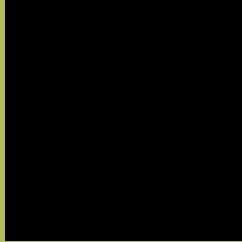
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.3910, 22.5630, -28.9650

Background



This preview shows how black text looks on a background with the YIQ color 174.3910, 22.5630, -28.9650.



This preview shows how white text looks on a background with the YIQ color 174.3910, 22.5630,

-28.9650.

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

174.3910, 22.5630, -28.9650

Protanopia

176.3330, 37.6460, -21.4740

Deuteranopia

178.6000, 50.4360, -10.9720



Tritanopia

181.8850, 2.0620, 6.6860

Trichromacy



Original Color

174.3910, 22.5630, -28.9650

Protanomaly

175.8160, 31.7320, -24.4280

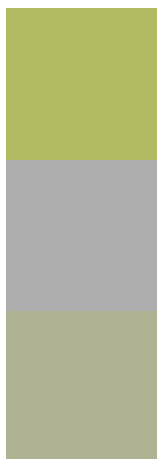
Deuteranomaly

176.9360, 40.4420, -17.0780

Tritanomaly

179.2750, 9.1710, -6.5170

Monochromacy



Original Color

174.3910, 22.5630, -28.9650

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1560, 7.8880, -10.8000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.3910, 22.5630, -28.9650 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(178, 187, 100)` looks like.

```
.text, #text, p{  
    color:rgb(178, 187, 100)  
}
```

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(178, 187, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 187, 100) }
```

Border

The CSS property to change the border of an element to YIQ 174.3910, 22.5630, -28.9650 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(178, 187, 100) }
```


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

```
.border{ border-color:rgb(178, 187, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 187, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 187, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 187, 100);  
box-shadow:4px 4px 4px 4px rgb(178, 187,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 174.3910, 22.5630, -28.9650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 187, 100) }
```

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

```
.background{ background-color: rgb(178,  
187, 100) }
```

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