

Converting Colors

YIQ(88.3910, 14.5360, -10.1360)

Have a look what the booklet for
YIQ(88.3910, 14.5360, -10.1360)
contains.

YIQ(88.3910, 14.5360, -10.1360)	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(88.3910, 14.5360,
-10.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	605B37
RGB	96, 91, 55
RGB Percent	38%, 36%, 22%
CMY	0.6235, 0.6431, 0.7842
CMYK	0.00, 0.05, 0.43, 0.62
HSL	53°, 27%, 30%
HSV	53°, 43%, 38%
XYZ	9.2546, 10.2445, 5.1068
YIQ	88.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

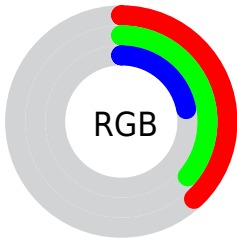
Format	Color
RYB	61, 96, 55
Decimal	6314807
CIELab	38.28, -3.93, 21.46
CIElCh	38, 21.813, 100.379
Yxy	10.2445, 0.3761, 0.4163
Android (android.graphics.Color)	4284504887 (0xFF605B37)
YUV	88.3910, -16.4618, 6.6731
Hunter-Lab	32.0070, -4.4003, 12.9451

Details

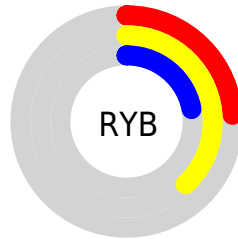
The YIQ color **88.3910, 14.5360, -10.1360** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.6090, -14.5360, 10.1360**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.3480, 16.0950, -10.8570**, and **42.9070, 13.0230, -10.2490** is the 20% darker color. If you saturate the color by 10%, you get **86.6640, 18.0210, -12.7230**, and if you desaturate by 10%, it is **90.1180, 11.0510, -7.5490**.

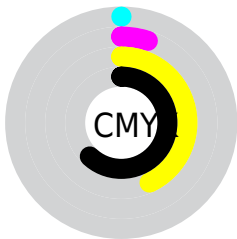
Distribution



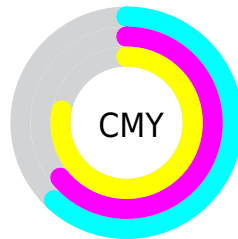
- Red (38%)
- Green (36%)
- Blue (22%)



- Red (24%)
- Yellow (38%)
- Blue (22%)



- Cyan (0%)
- Magenta (5%)
- Yellow (43%)
- Black (62%)



- Cyan (62%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.3910, 14.5360, -10.1360 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 88.3910, 14.5360, -10.1360 by changing the saturation by 10% instead.

■ 88.3910, 14.5360,
-10.1360

■ 88.3910, 14.5360,
-10.1360

■ 255.0000, -0.0000,
-0.0000

■ 65.2060, 13.6190,
-10.0370

■ 138.3480, 16.0950,
-10.8570

■ 42.0210, 12.7020,
-9.9380

■ 164.6470, 16.6910,
-10.6450

■ 22.7480, 9.2170,
-7.3510

■ 192.4190, 17.3330,
-11.2670

■ 0.0000, 0.0000,
0.0000

■ 219.7180, 17.9290,
-11.0550

■ 247.2940, 16.1870,
-12.5250

■ 252.9480, 5.7780,

-5.5980

■ 88.3910, 14.5360,
-10.1360

■ 88.3910, 14.5360,
-10.1360

■ 86.6640, 18.0210,
-12.7230

■ 90.1180, 11.0510,
-7.5490

■ 85.0510, 21.1850,
-14.9990

■ 91.7310, 7.8870,
-5.2730

■ 82.7370, 24.9450,
-17.0630

■ 94.0450, 4.1270,
-3.2090

■ 81.1240, 28.1090,
-19.3390

■ 95.6580, 0.9630,
-0.9330

■ 79.3970, 31.5940,
-21.9260

■ 97.3850, -2.5220,
1.6540

■ 78.0120, 34.1160,
-23.5800

■ 99.1120, -6.0070,
4.2410

■ 100.7250, -9.1710,
6.5170

■ 102.4520,
-12.6560, 9.1040

■ 104.6520,
-16.0950, 10.8570

Harmonies

Analogous

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



89.8810, 25.0800, -2.9840



88.3910, 14.5360, -10.1360



86.5570, -0.7310, -14.2910

Triad

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



88.3910, 14.5360, -10.1360



78.9540, -47.0850, -11.2210



92.3970, 15.5400, 15.7320

Complementary

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



88.3910, 14.5360, -10.1360



62.6090, -14.5360, 10.1360

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.



91.9590, -0.7820, 14.1780



88.3910, 14.5360, -10.1360



83.8400, -37.5960, -1.4680

Square

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



88.3910, 14.5360, -10.1360



79.8100, -38.0520, -15.2360



89.5050, -20.1750, 7.7050



92.2640, 26.0400, 12.6640

Rectangle

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



88.3910, 14.5360, -10.1360



84.2720, -13.1100, -15.7180



89.5050, -20.1750, 7.7050



93.0590, 10.6800, 15.7040

Sweetspot

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



88.3910, 14.5360, -10.1360



122.0020, 5.6860, -3.9300



67.8290, 22.8310, 10.2470



62.2730, 3.4850, -2.5870



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



88.3910, 14.5360, -10.1360



113.0080, 22.7440, -15.7200



86.8410, 4.2210, -15.9310



47.5440, 1.2840, -1.2440



91.6010, 39.5270, -28.0330



195.0300, 85.2900, -58.9500

Inverse Universe

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



62.6090, -14.5360, 10.1360



72.9920, -22.7440, 15.7200



64.1590, -4.2210, 15.9310



44.4560, -1.2840, 1.2440



20.9860, -39.8020, 27.5100



44.3830, -85.0150, 59.4730

Previews

White Background



This preview shows how the YIQ color 88.3910, 14.5360, -10.1360 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 88.3910, 14.5360, -10.1360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

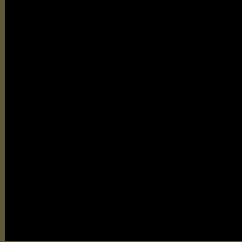
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.3910, 14.5360, -10.1360

Background



This preview shows how black text looks on a background with the YIQ color 88.3910, 14.5360, -10.1360.



This preview shows how white text looks on a background with the YIQ color 88.3910, 14.5360,

-10.1360.

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

88.3910, 14.5360, -10.1360

Protanopia

88.7010, 16.5990, -8.9770

Deuteranopia

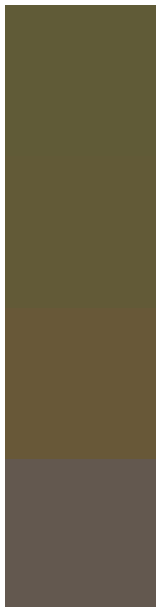
89.4570, 23.3380, -4.4540



Tritanopia

90.9840, 6.0970, 5.1450

Trichromacy



Original Color

88.3910, 14.5360, -10.1360

Protanomaly

88.4020, 16.0030, -9.1890

Deuteranomaly

89.1360, 19.8080, -6.5600

Tritanomaly

90.2630, 9.4450, -0.4670

Monochromacy



Original Color

88.3910, 14.5360, -10.1360

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.1160, 5.3650, -3.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.3910, 14.5360, -10.1360 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(96, 91, 55)` looks like.

```
.text, #text, p{  
    color:rgb(96, 91, 55)  
}
```

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(96, 91, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 91, 55) }
```

Border

The CSS property to change the border of an element to YIQ 88.3910, 14.5360, -10.1360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

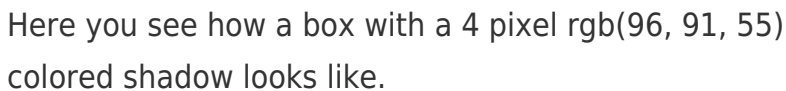
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 91, 55) }
```


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

```
.border{ border-color:rgb(96, 91, 55) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 91, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 91, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 91, 55);  
box-shadow:4px 4px 4px 4px rgb(96, 91, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.3910, 14.5360, -10.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 91, 55) }
```

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

```
.background{ background-color: rgb(96, 91,  
55) }
```

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