

Converting Colors

YIQ(77.6610, 14.0760, -1.7960)

Have a look what the booklet for
YIQ(77.6610, 14.0760, -1.7960)
contains.

YIQ(77.6610, 14.0760, -1.7960)	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(77.6610, 14.0760,
-1.7960)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4B3B
RGB	90, 75, 59
RGB Percent	35%, 29%, 23%
CMY	0.6470, 0.7059, 0.7686
CMYK	0.00, 0.17, 0.34, 0.65
HSL	31°, 21%, 29%
HSV	31°, 34%, 35%
XYZ	7.5226, 7.5212, 5.1953
YIQ	77.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

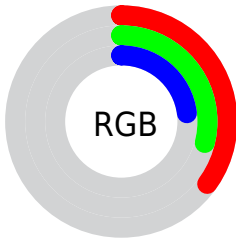
Format	Color
R_{YB}	88, 90, 59
Decimal	5917499
CIE Lab	32.97, 3.62, 11.88
CIE LCh	33, 12.421, 73.068
Yxy	7.5212, 0.3717, 0.3716
Android (android.graphics.Color)	4284107579 (0xFF5A4B3B)
YUV	77.6610, -9.1999, 10.8213
Hunter-Lab	27.4249, 0.9688, 7.9656

Details

The YIQ color **77.6610, 14.0760, -1.7960** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71.3390, -14.0760, 1.7960**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **127.0310, 15.9100, -1.9940**, and **32.9920, 11.6460, -1.8100** is the 20% darker color. If you saturate the color by 10%, you get **74.2870, 18.0650, -2.5030**, and if you desaturate by 10%, it is **81.0350, 10.0870, -1.0890**.

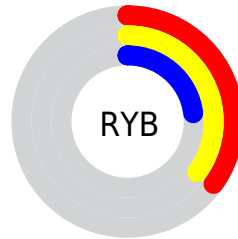
Distribution



Red (35%)

Green (29%)

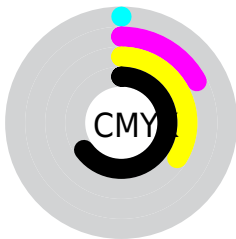
Blue (23%)



Red (35%)

Yellow (35%)

Blue (23%)

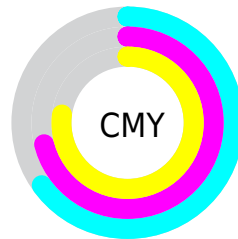


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (65%)



Cyan (65%)

Magenta (71%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.6610, 14.0760, -1.7960 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 77.6610, 14.0760, -1.7960 by changing the saturation by 10% instead.

■ 77.6610, 14.0760,
-1.7960

■ 77.6610, 14.0760,
-1.7960

■ 255.0000, -0.0000,
-0.0000

■ 54.4760, 13.1590,
-1.6970

■ 127.0310, 15.9100,
-1.9940

■ 32.9920, 11.6460,
-1.8100

■ 152.4440, 16.1850,
-1.4710

■ 11.2740, 10.9120,
0.4800

■ 179.6290, 17.1020,
-1.5700

■ 0.0000, 0.0000,
0.0000

■ 207.5150, 17.4230,
-1.8810

■ 235.4010, 17.7440,
-2.1920

■ 253.4040, 4.4940,

-4.3540

■ 77.6610, 14.0760,
-1.7960

■ 77.6610, 14.0760,
-1.7960

■ 74.2870, 18.0650,
-2.5030

■ 81.0350, 10.0870,
-1.0890

■ 70.3260, 22.3290,
-2.6870

■ 84.9960, 5.8230,
-0.9050

■ 66.9520, 26.3180,
-3.3940

■ 88.3700, 1.8340,
-0.1980

■ 63.5780, 30.3070,
-4.1010

■ 91.7440, -2.1550,
0.5090

■ 59.6170, 34.5710,
-4.2850

■ 95.7050, -6.4190,
0.6930

■ 56.2430, 38.5600,
-4.9920

■ 99.0790, -10.4080,
1.4000

■ 53.9120, 40.9900,
-4.9780

■ 103.0400,
-14.6720, 1.5840

■ 106.4140,
-18.6610, 2.2910

■ 109.7880,
-22.6500, 2.9980

Harmonies

Analogous

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



78.3780, 16.5510, 2.9110



77.6610, 14.0760, -1.7960



76.3180, 7.6120, -5.7960

Triad

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



77.6610, 14.0760, -1.7960



73.3180, -18.7510, -7.0950



79.0420, 0.1820, 7.7180

Complementary

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



77.6610, 14.0760, -1.7960



71.3390, -14.0760, 1.7960

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.



77.6710, -9.0790, 4.8490



77.6610, 14.0760, -1.7960



73.7570, -21.3650, -3.7730

Square

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



77.6610, 14.0760, -1.7960



74.5700, -10.7730, -8.5090



75.5450, -17.6520, 0.5240



79.2450, 9.8560, 8.6080

Rectangle

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



77.6610, 14.0760, -1.7960



75.7410, 1.9270, -7.3930



75.5450, -17.6520, 0.5240



78.6610, -3.1190, 6.9690

Sweetspot

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



77.6610, 14.0760, -1.7960



112.8110, 4.9060, -0.8060



70.0930, 13.3400, 11.5480



55.8540, 3.3470, -0.0850



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



77.6610, 14.0760, -1.7960



98.0270, 21.7330, -2.8990



86.4660, 9.9510, -9.6410



44.2560, 2.1550, -0.5090



66.3490, 49.8850, -6.4910



142.4770, 107.7020, -13.5620

Inverse Universe

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



71.3390, -14.0760, 1.7960



88.5600, -22.0080, 2.3760



62.5340, -9.9510, 9.6410



43.3310, -2.4300, -0.0140



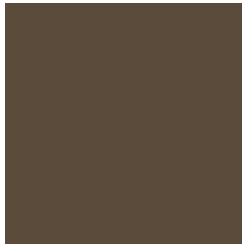
43.6510, -49.8850, 6.4910



94.5230, -107.7020, 13.5620

Previews

White Background



This preview shows how the YIQ color 77.6610, 14.0760, -1.7960 looks on a white background.

Color Contrast Check

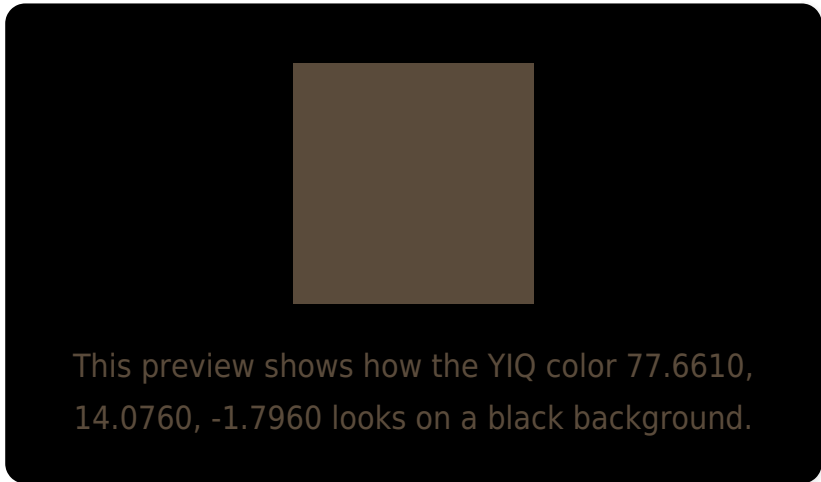
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YIQ 77.6610, 14.0760, -1.7960

Background



This preview shows how black text looks on a background with the YIQ color 77.6610, 14.0760, -1.7960.



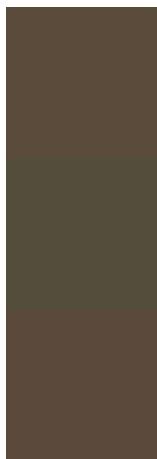
This preview shows how white text looks on a background with the YIQ color 77.6610, 14.0760,

-1.7960.

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

77.6610, 14.0760, -1.7960

Protanopia

77.4430, 8.7580, -4.5380

Deuteranopia

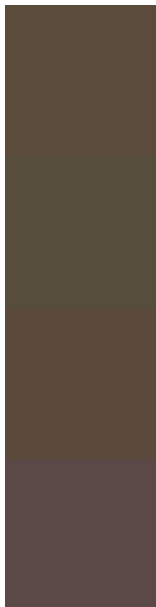
77.3730, 14.9470, -1.0610



Tritanopia

78.6640, 9.9940, 6.1060

Trichromacy



Original Color

77.6610, 14.0760, -1.7960

Protanomaly

77.7530, 10.8210, -3.3790

Deuteranomaly

77.3730, 14.9470, -1.0610

Tritanomaly

78.1540, 11.3700, 3.1940

Monochromacy



Original Color

77.6610, 14.0760, -1.7960

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.8110, 4.9060, -0.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.6610, 14.0760, -1.7960 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(90, 75, 59)` looks like.

```
.text, #text, p{  
    color:rgb(90, 75, 59)  
}
```

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(90, 75, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 75, 59) }
```

Border

The CSS property to change the border of an element to YIQ 77.6610, 14.0760, -1.7960 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(90, 75, 59) }
```


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

```
.border{ border-color:rgb(90, 75, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 75, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 75, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 75, 59);  
box-shadow:4px 4px 4px 4px rgb(90, 75, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.6610, 14.0760, -1.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 75, 59) }
```

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

```
.background{ background-color: rgb(90, 75,  
59) }
```

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