

Converting Colors

YIQ(76.8460, 24.1610, 8.1690)

Have a look what the booklet for
YIQ(76.8460, 24.1610, 8.1690)
contains.

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Color

**YIQ(76.8460, 24.1610,
8.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	694140
RGB	105, 65, 64
RGB Percent	41%, 25%, 25%
CMY	0.5881, 0.7452, 0.7489
CMYK	0.00, 0.38, 0.39, 0.59
HSL	1°, 24%, 33%
HSV	1°, 39%, 41%
XYZ	8.6440, 7.1538, 5.7794
YIQ	76.8460, 24.1610, 8.1690

Conversions

Conversions Part 2

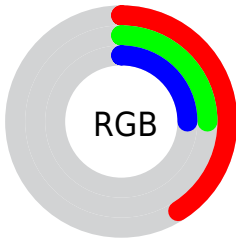
Format	Color
RYB	105, 65, 64
Decimal	6897984
CIELab	32.15, 17.29, 7.86
CIELCh	32, 18.992, 24.454
Yxy	7.1538, 0.4006, 0.3315
Android (android.graphics.Color)	4285088064 (0xFF694140)
YUV	76.8460, -6.3331, 24.6911
Hunter-Lab	26.7466, 10.8810, 5.9113




Details

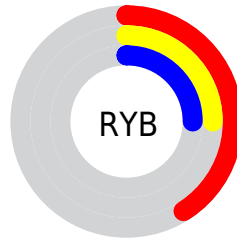
The YIQ color **76.8460, 24.1610, 8.1690** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **92.1540, -24.1610, -8.1690**, and the grayscale version is **77.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **126.3410, 27.1410, 9.2290**, and **31.5790, 20.5390, 7.7310** is the 20% darker color. If you saturate the color by 10%, you get **69.8360, 30.1210, 10.2890**, and if you desaturate by 10%, it is **83.9700, 17.8800, 6.3600**.

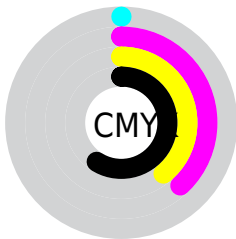
Distribution







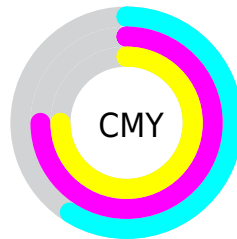
-  Red (41%)
-  Green (25%)
-  Blue (25%)






-  Red (41%)
-  Yellow (25%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (39%)
-  Black (59%)



-  Cyan (59%)
-  Magenta (75%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.8460, 24.1610, 8.1690 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 76.8460, 24.1610, 8.1690 by changing the saturation by 10% instead.

■ 76.8460, 24.1610,
8.1690

■ 76.8460, 24.1610,
8.1690

■ 255.0000, -0.0000,
-0.0000

■ 53.3620, 22.6480,
8.0560

■ 126.3410, 27.1410,
9.2290

■ 31.5790, 20.5390,
7.7310

■ 152.5260, 28.0580,
9.1300

■ 10.7640, 21.4560,
7.6320

■ 179.1240, 29.2500,
9.5540

■ 0.0000, 0.0000,
0.0000

■ 207.3090, 30.1670,
9.4550

■ 230.8240, 21.2270,
6.2750

■ 250.5660, 4.2180,

0.6500

■ 76.8460, 24.1610,
8.1690

■ 76.8460, 24.1610,
8.1690

■ 69.8360, 30.1210,
10.2890

■ 83.9700, 17.8800,
6.3600

■ 62.1250, 36.6770,
12.6210

■ 90.9800, 11.9200,
4.2400

■ 55.1150, 42.6370,
14.7410

■ 98.6910, 5.3640,
1.9080

■ 47.9910, 48.9180,
16.5500

■ 105.7010, -0.5960,
-0.2120

■ 40.9810, 54.8780,
18.6700

■ 112.8250, -6.8770,
-2.0210

■ 33.2700, 61.4340,
21.0020

■ 120.4220,
-13.1120, -4.6640

■ 32.5690, 62.0300,
21.2140

■ 127.5460,
-19.3930, -6.4730

■ 134.5560,
-25.3530, -8.5930

■ 141.6800,
-31.6340, -10.4020

Harmonies

Analogous

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



77.9580, 18.1540, 12.4100



76.8460, 24.1610, 8.1690



76.3310, 23.9330, 1.2850

Triad

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



76.8460, 24.1610, 8.1690



71.4900, -7.7920, -12.9760



73.0050, -24.7590, 2.6730

Complementary

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



76.8460, 24.1610, 8.1690



92.1540, -24.1610, -8.1690

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.



68.0910, -37.0450, -5.9490



76.8460, 24.1610, 8.1690



68.8780, -23.5640, -13.4840

Square

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



76.8460, 24.1610, 8.1690



73.0850, 6.6500, -10.3900



66.1030, -37.3190, -11.9990



76.7190, -9.0340, 9.5420

Rectangle

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



76.8460, 24.1610, 8.1690



75.4290, 20.5410, -3.3230



66.1030, -37.3190, -11.9990



71.0860, -29.4810, 0.1430

Sweetspot

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



76.8460, 24.1610, 8.1690



126.6700, 9.8570, 3.0810



80.8190, 11.5960, 21.1320



61.9900, 5.9600, 2.1200



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



76.8460, 24.1610, 8.1690



93.0220, 38.4650, 13.2570



88.5860, 18.6610, -2.2910



49.7940, 3.5760, 1.2720



36.7440, 68.9070, 23.2350



76.7770, 144.3700, 48.8020

Inverse Universe

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



92.1540, -24.1610, -8.1690



117.3910, -38.1900, -12.7340



80.4140, -18.6610, 2.2910



51.6190, -3.3010, -0.7490



80.8430, -69.1820, -23.7580



168.2230, -144.3700, -48.8020

Previews

White Background



This preview shows how the YIQ color 76.8460, 24.1610, 8.1690 looks on a white background.

Color Contrast Check

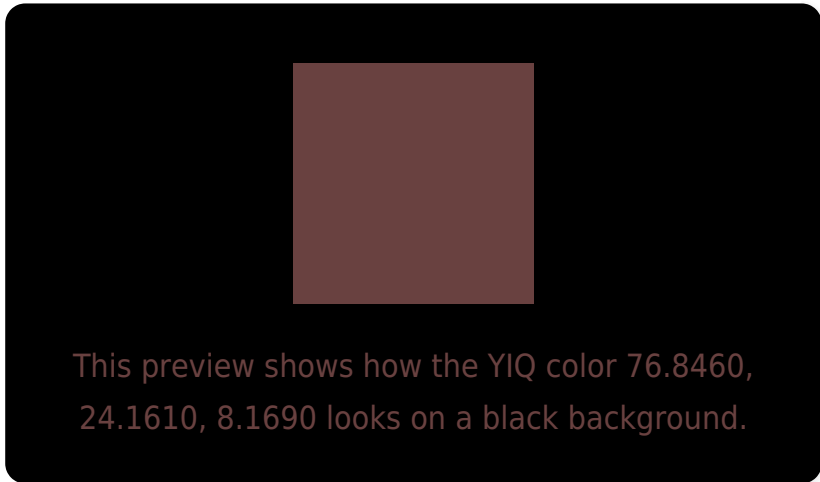
Large Text (above 18pt) WCAG AA ✓ Pass

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

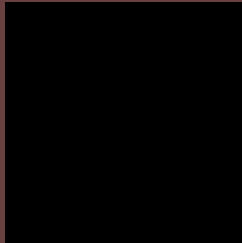
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.8460, 24.1610, 8.1690

Background



This preview shows how black text looks on a background with the YIQ color 76.8460, 24.1610, 8.1690.

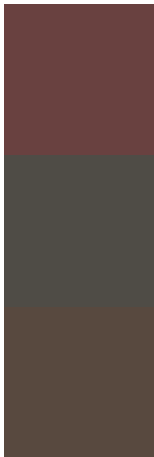


This preview shows how white text looks on a background with the YIQ color 76.8460, 24.1610,

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

76.8460, 24.1610, 8.1690

Protanopia

76.2130, 3.7140, -1.2300

Deuteranopia

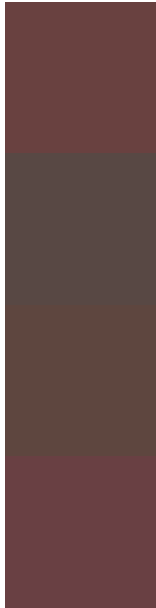
76.3450, 12.1500, 0.0700



Tritanopia

76.8290, 22.8310, 10.2470

Trichromacy



Original Color

76.8460, 24.1610, 8.1690

Protanomaly

76.3280, 10.8200, 2.1480

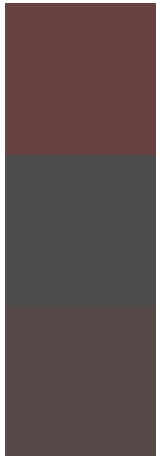
Deuteranomaly

76.3780, 16.5510, 2.9110

Tritanomaly

76.6010, 23.4730, 9.6250

Monochromacy



Original Color

76.8460, 24.1610, 8.1690

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.0720, 8.6650, 2.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.8460, 24.1610, 8.1690 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(105, 65, 64)` looks like.

```
.text, #text, p{  
    color:rgb(105, 65, 64)  
}
```

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(105, 65, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 65, 64) }
```

Border

The CSS property to change the border of an element to YIQ 76.8460, 24.1610, 8.1690 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(105, 65, 64) }
```


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

```
.border{ border-color:rgb(105, 65, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 65, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 65, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 65, 64);  
box-shadow:4px 4px 4px 4px rgb(105, 65,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 76.8460, 24.1610, 8.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 65, 64) }
```

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

```
.background{ background-color: rgb(105, 65,  
64) }
```

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](#).

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