

Converting Colors

YIQ(110.4430, 8.7580, -4.5380)

Have a look what the booklet for
YIQ(110.4430, 8.7580, -4.5380)
contains.

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Color

**YIQ(110.4430, 8.7580,
-4.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	746F5D
RGB	116, 111, 93
RGB Percent	45%, 44%, 36%
CMY	0.5451, 0.5647, 0.6352
CMYK	0.00, 0.04, 0.20, 0.55
HSL	47°, 11%, 41%
HSV	47°, 20%, 45%
XYZ	14.8630, 15.8720, 12.6390
YIQ	110.4430, 8.7580, -4.5380

Conversions

Conversions Part 2

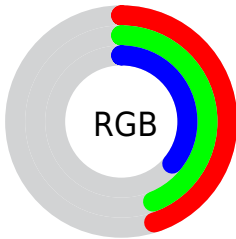
Format	Color
R_{YB}	99, 116, 93
Decimal	7630685
CIE Lab	46.81, -1.34, 10.72
CIE LCh	47, 10.807, 97.119
Yxy	15.8720, 0.3427, 0.3659
Android (android.graphics.Color)	4285820765 (0xFF746F5D)
YUV	110.4430, -8.5994, 4.8735
Hunter-Lab	39.8396, -3.1261, 9.0781

Details

The YIQ color **110.4430, 8.7580, -4.5380** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.5570, -8.7580, 4.5380**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2150, 9.4000, -5.1600**, and **62.6710, 8.1160, -3.9160** is the 20% darker color. If you saturate the color by 10%, you get **107.3140, 13.4350, -6.7010**, and if you desaturate by 10%, it is **113.5720, 4.0810, -2.3750**.

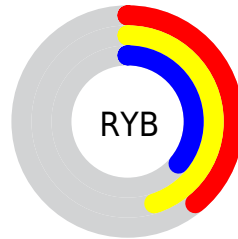
Distribution



Red (45%)

Green (44%)

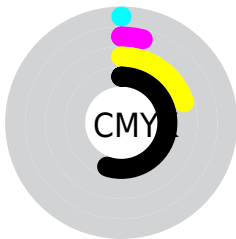
Blue (36%)



Red (39%)

Yellow (45%)

Blue (36%)

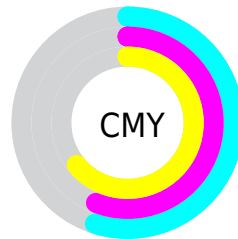


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (55%)



Cyan (55%)

Magenta (56%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.4430, 8.7580, -4.5380 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 110.4430, 8.7580, -4.5380 by changing the saturation by 10% instead.

■ 110.4430, 8.7580,
-4.5380

■ 110.4430, 8.7580,
-4.5380

■ 255.0000, -0.0000,
-0.0000

■ 86.1440, 8.1620,
-4.7500

■ 162.2150, 9.4000,
-5.1600

■ 62.6710, 8.1160,
-3.9160

■ 189.2150, 9.4000,
-5.1600

■ 41.0730, 6.9240,
-4.3400

■ 216.5140, 9.9960,
-4.9480

■ 20.1010, 9.7210,
-5.4710

■ 245.4000, 10.3170,
-5.2590

■ 0.0000, 0.0000,
0.0000

■ 254.8860, 0.3210,
-0.3110

■ 110.4430, 8.7580,
-4.5380

■ 110.4430, 8.7580,
-4.5380

■ 107.3140, 13.4350,
-6.7010

■ 113.5720, 4.0810,
-2.3750

■ 104.8860, 17.5160,
-9.0760

■ 116.0000, -0.0000,
0.0000

■ 101.7570, 22.1930,
-11.2390

■ 119.1290, -4.6770,
2.1630

■ 99.3290, 26.2740,
-13.6140

■ 121.5570, -8.7580,
4.5380

■ 96.2000, 30.9510,
-15.7770

■ 124.6860,
-13.4350, 6.7010

■ 93.6580, 35.3530,
-18.4630

■ 127.2280,
-17.8370, 9.3870

■ 90.6430, 39.7090,
-20.3150

■ 130.2430,
-22.1930, 11.2390

■ 88.1010, 44.1110,

■ 132.7850,

-23.0010

-26.5950, 13.9250

■ 135.8000,
-30.9510, 15.7770

Harmonies

Analogous

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



111.6010, 14.3050, -0.4390



110.4430, 8.7580, -4.5380



109.5560, 1.0100, -7.2940

Triad

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



110.4430, 8.7580, -4.5380



108.3120, -18.6140, -4.0700



113.0490, 7.4720, 7.7600

Complementary

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



110.4430, 8.7580, -4.5380



98.5570, -8.7580, 4.5380

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.



112.0310, -1.2850, 6.7710



110.4430, 8.7580, -4.5380



109.2030, -16.6890, -0.4090

Square

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



110.4430, 8.7580, -4.5380



107.5850, -15.1290, -6.6570



110.9590, -9.9500, 4.1140



112.9310, 13.6160, 6.5440

Rectangle

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



110.4430, 8.7580, -4.5380



108.6200, -5.0420, -7.7460



110.9590, -9.9500, 4.1140



112.4940, 4.7210, 8.0570

Sweetspot

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



110.4430, 8.7580, -4.5380



147.8000, 3.4390, -1.7530



100.4470, 12.1030, 6.4310



75.1420, 2.4760, -0.8200



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



110.4430, 8.7580, -4.5380



141.7870, 13.4810, -7.5350



111.5840, 3.8070, -8.4250



57.1420, 2.4760, -0.8200



92.8300, 46.3120, -24.3440



189.8020, 95.1000, -49.5080

Inverse Universe

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



98.5570, -8.7580, 4.5380



122.8000, -13.7560, 7.0120



97.4160, -3.8070, 8.4250



54.2710, -2.2010, 1.3430



29.7570, -46.5870, 23.8210



60.1980, -95.1000, 49.5080

Previews

White Background



This preview shows how the YIQ color 110.4430, 8.7580, -4.5380 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 110.4430, 8.7580, -4.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

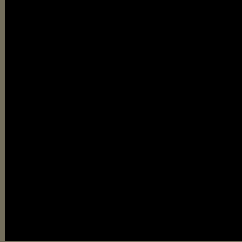
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

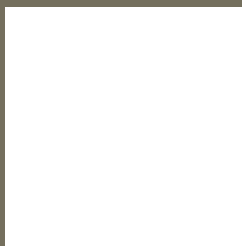
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 110.4430, 8.7580, -4.5380

Background



This preview shows how black text looks on a background with the YIQ color 110.4430, 8.7580, -4.5380.



This preview shows how white text looks on a background with the YIQ color 110.4430, 8.7580, -4.5380.

-4.5380.

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

110.4430, 8.7580, -4.5380

Protanopia

110.7420, 9.3540, -4.3260

Deuteranopia

111.7970, 16.6890, 0.4090



Tritanopia

112.2010, 3.9880, 4.8200

Trichromacy



Original Color

110.4430, 8.7580, -4.5380

Protanomaly

110.7420, 9.3540, -4.3260

Deuteranomaly

111.1880, 14.0300, -0.9620

Tritanomaly

111.5770, 5.6850, 1.5970

Monochromacy



Original Color

110.4430, 8.7580, -4.5380

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9140, 3.1180, -1.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.4430, 8.7580, -4.5380 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(116, 111, 93)` looks like.

```
.text, #text, p{  
    color:rgb(116, 111, 93)  
}
```

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(116, 111, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 111, 93) }
```

Border

The CSS property to change the border of an element to YIQ 110.4430, 8.7580, -4.5380 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(116, 111, 93) }
```


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

```
.border{ border-color:rgb(116, 111, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 111, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 111, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 111, 93);  
box-shadow:4px 4px 4px 4px rgb(116, 111,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 110.4430, 8.7580, -4.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 111, 93) }
```

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

```
.background{ background-color: rgb(116,  
111, 93) }
```

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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