

Converting Colors

YIQ(88.4520, -4.6290, -9.7250)

Have a look what the booklet for
YIQ(88.4520, -4.6290, -9.7250)
contains.

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Color

**YIQ(88.4520, -4.6290,
-9.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	4E604D
RGB	78, 96, 77
RGB Percent	31%, 38%, 30%
CMY	0.6942, 0.6235, 0.6980
CMYK	0.19, 0.00, 0.20, 0.62
HSL	117°, 11%, 34%
HSV	117°, 20%, 38%
XYZ	8.6638, 10.5220, 8.5953
YIQ	88.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

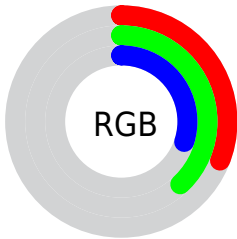
Format	Color
R_{YB}	77, 96, 95
Decimal	5136461
CIE _{Lab}	38.76, -11.03, 8.62
CIE _{LCh}	39, 13.999, 141.969
Yxy	10.5220, 0.3119, 0.3787
Android (android.graphics.Color)	4283326541 (0xFF4E604D)
YUV	88.4520, -5.6458, -9.1664
Hunter-Lab	32.4377, -9.0902, 6.9957

Details

The YIQ color **88.4520, -4.6290, -9.7250** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.5480, 4.6290, 9.7250**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.6260, -5.1790, -10.7710**, and **42.9790, -4.6750, -8.8910** is the 20% darker color. If you saturate the color by 10%, you get **84.6210, -6.7830, -14.7430**, and if you desaturate by 10%, it is **92.2830, -2.4750, -4.7070**.

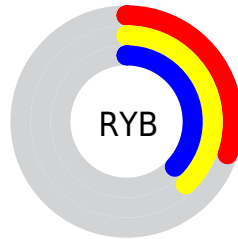
Distribution



Red (31%)

Green (38%)

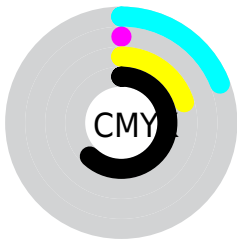
Blue (30%)



Red (30%)

Yellow (38%)

Blue (37%)

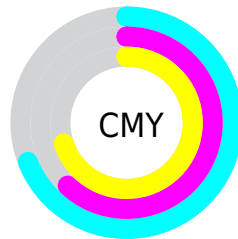


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.4520, -4.6290, -9.7250 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 88.4520, -4.6290, -9.7250 by changing the saturation by 10% instead.

■ 88.4520, -4.6290,
-9.7250

■ 88.4520, -4.6290,
-9.7250

■ 255.0000, -0.0000,
-0.0000

■ 64.8650, -4.3540,
-9.2020

■ 138.6260, -5.1790,
-10.7710

■ 42.9790, -4.6750,
-8.8910

■ 164.6260, -5.1790,
-10.7710

■ 22.0500, -3.4370,
-9.3010

■ 192.2130, -5.4540,
-11.2940

■ 0.0000, 0.0000,
0.0000

■ 220.0990, -5.1330,
-11.6050

■ 246.9250, -4.5830,
-10.5590

■ 88.4520, -4.6290,
-9.7250

■ 88.4520, -4.6290,
-9.7250

■ 84.6210, -6.7830,
-14.7430

■ 92.2830, -2.4750,
-4.7070

■ 80.9040, -9.2580,
-19.4500

■ 96.0000, -0.0000,
0.0000

■ 77.0730, -11.4120,
-24.4680

■ 99.8310, 2.1540,
5.0180

■ 73.3560, -13.8870,
-29.1750

■ 103.5480, 4.6290,
9.7250

■ 69.2260, -16.6370,
-34.4050

■ 107.3790, 6.7830,
14.7430

■ 65.3950, -18.7910,
-39.4230

■ 111.5090, 9.5330,
19.9730

■ 61.6780, -21.2660,
-44.1300

■ 115.2260, 12.0080,
24.6800

■ 57.8470, -23.4200,

■ 119.0570, 14.1620,

-49.1480

29.6980

■ 122.7740, 16.6370,
34.4050

Harmonies

Analogous

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



89.7800, 6.1910, -7.5770



88.4520, -4.6290, -9.7250



87.2920, -15.8620, -9.8940

Triad

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



88.4520, -4.6290, -9.7250



89.5990, -17.7440, 2.1920



93.1550, 18.7970, 6.2610

Complementary

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



88.4520, -4.6290, -9.7250



84.5480, 4.6290, 9.7250

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.



93.0390, 13.4320, 9.8800



88.4520, -4.6290, -9.7250



91.6220, -7.3830, 7.1530

Square

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



88.4520, -4.6290, -9.7250



87.3160, -24.4370, -3.1650



93.2490, 4.0330, 9.5130



92.1070, 18.7520, 1.5680

Rectangle

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



88.4520, -4.6290, -9.7250



86.7090, -21.4100, -8.4660



93.2490, 4.0330, 9.5130



93.0240, 17.7880, 8.0280

Sweetspot

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



88.4520, -4.6290, -9.7250



121.9950, -1.6040, -3.9720



93.2470, 6.3740, -5.3860



62.2340, -0.7790, -2.4030



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.



88.4520, -4.6290, -9.7250



113.2080, -7.0580, -15.2660



89.0650, -7.7930, -7.4490



46.3480, -1.1000, -2.0920



67.5380, -27.2240, -57.3040



144.4680, -58.8480, -122.9760

Inverse Universe

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



84.5480, 4.6290, 9.7250



106.7920, 7.0580, 15.2660



83.9350, 7.7930, 7.4490



45.6520, 1.1000, 2.0920



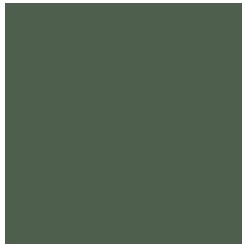
44.4620, 27.2240, 57.3040



95.2330, 58.2520, 122.7640

Previews

White Background



This preview shows how the YIQ color 88.4520, -4.6290, -9.7250 looks on a white background.

Color Contrast Check

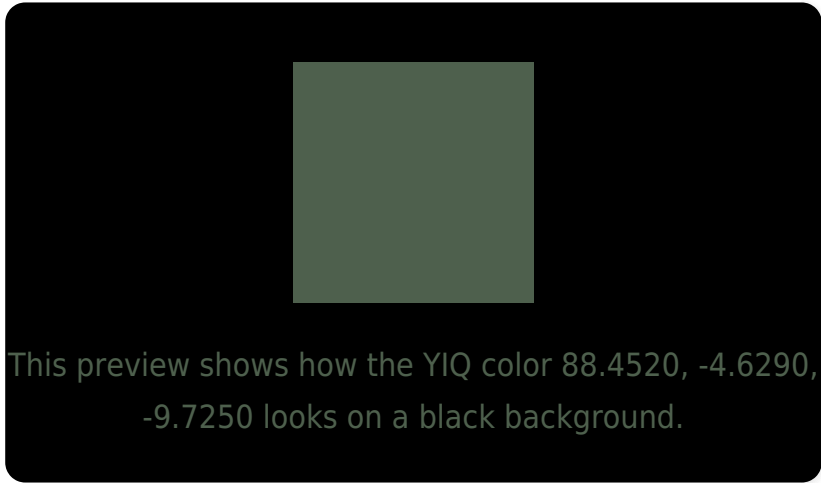
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 88.4520, -4.6290, -9.7250

Background



This preview shows how black text looks on a background with the YIQ color 88.4520, -4.6290, -9.7250.



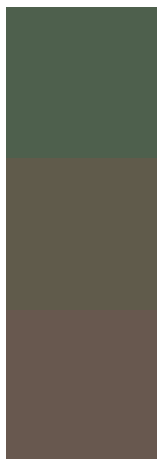
This preview shows how white text looks on a background with the YIQ color 88.4520, -4.6290, -9.7250.

-9.7250.

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

88.4520, -4.6290, -9.7250

Protanopia

90.6710, 8.1160, -3.9160

Deuteranopia

91.7580, 12.4250, 0.5930



Tritanopia

90.5090, -8.8030, -0.1550

Trichromacy



Original Color

88.4520, -4.6290, -9.7250

Protanomaly

89.8660, 3.0730, -6.1350

Deuteranomaly

90.7140, 6.5570, -3.1950

Tritanomaly

89.8850, -7.1060, -3.3780

Monochromacy



Original Color

88.4520, -4.6290, -9.7250

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.1090, -1.9250, -3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.4520, -4.6290, -9.7250 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(78, 96, 77)` looks like.

```
.text, #text, p{  
    color:rgb(78, 96, 77)  
}
```

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(78, 96, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 96, 77) }
```

Border

The CSS property to change the border of an element to YIQ 88.4520, -4.6290, -9.7250 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(78, 96, 77) }
```


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

```
.border{ border-color:rgb(78, 96, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 96, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 96, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 96, 77);  
box-shadow:4px 4px 4px 4px rgb(78, 96, 77)  
}
```

Background

The CSS property to change the background color of an element to YIQ 88.4520, -4.6290, -9.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 96, 77) }
```

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

```
.background{ background-color: rgb(78, 96,  
77) }
```

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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