

Converting Colors

YIQ(85.8050, -4.1250, -7.8450)

Have a look what the booklet for
YIQ(85.8050, -4.1250, -7.8450)
contains.

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Color

**YIQ(85.8050, -4.1250,
-7.8450)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5C4D
RGB	77, 92, 77
RGB Percent	30%, 36%, 30%
CMY	0.6981, 0.6392, 0.6980
CMYK	0.16, 0.00, 0.16, 0.64
HSL	120°, 9%, 33%
HSV	120°, 16%, 36%
XYZ	8.2268, 9.7685, 8.4729
YIQ	85.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

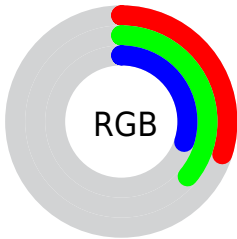
Format	Color
R_{YB}	77, 92, 92
Decimal	5069901
CIE Lab	37.42, -9.10, 6.72
CIE LCh	37, 11.315, 143.540
Yxy	9.7685, 0.3108, 0.3691
Android (android.graphics.Color)	4283259981 (0xFF4D5C4D)
YUV	85.8050, -4.3409, -7.7220
Hunter-Lab	31.2546, -7.7107, 5.8052

Details

The YIQ color **85.8050, -4.1250, -7.8450** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83.1950, 4.1250, 7.8450**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.3920, -4.4000, -8.3680**, and **40.6310, -3.5750, -6.7990** is the 20% darker color. If you saturate the color by 10%, you get **82.0880, -6.6000, -12.5520**, and if you desaturate by 10%, it is **89.5220, -1.6500, -3.1380**.

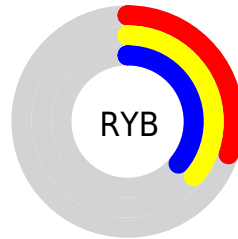
Distribution



Red (30%)

Green (36%)

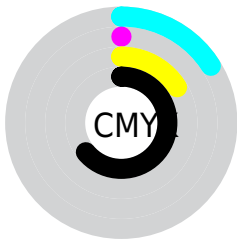
Blue (30%)



Red (30%)

Yellow (36%)

Blue (36%)

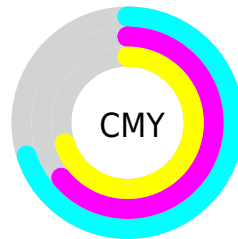


Cyan (16%)

Magenta (0%)

Yellow (16%)

Black (64%)



Cyan (70%)

Magenta (64%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.8050, -4.1250, -7.8450 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 85.8050, -4.1250, -7.8450 by changing the saturation by 10% instead.

85.8050, -4.1250,
-7.8450

85.8050, -4.1250,
-7.8450

255.0000, -0.0000,
-0.0000

62.2180, -3.8500,
-7.3220

135.3920, -4.4000,
-8.3680

40.6310, -3.5750,
-6.7990

161.9790, -4.6750,
-8.8910

19.6910, -3.8040,
-8.1560

188.9790, -4.6750,
-8.8910

0.0000, 0.0000,
0.0000

216.5660, -4.9500,
-9.4140

245.4520, -4.6290,
-9.7250

■ 85.8050, -4.1250,
-7.8450

■ 85.8050, -4.1250,
-7.8450

■ 82.0880, -6.6000,
-12.5520

■ 89.5220, -1.6500,
-3.1380

■ 78.3710, -9.0750,
-17.2590

■ 93.2390, 0.8250,
1.5690

■ 74.2410, -11.8250,
-22.4890

■ 97.3690, 3.5750,
6.7990

■ 70.5240, -14.3000,
-27.1960

■ 101.0860, 6.0500,
11.5060

■ 66.8070, -16.7750,
-31.9030

■ 104.8030, 8.5250,
16.2130

■ 63.0900, -19.2500,
-36.6100

■ 108.5200, 11.0000,
20.9200

■ 59.3730, -21.7250,
-41.3170


■ 112.2370, 13.4750,
25.6270


■ 55.2430, -24.4750,

■ 116.3670, 16.2250,

-46.5470

30.8570

 54.0040, -25.3000,
-48.1160

 120.0840, 18.7000,
35.5640

Harmonies

Analogous

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



86.9370, 4.3110, -6.5450



85.8050, -4.1250, -7.8450



84.7270, -12.6530, -7.4770

Triad

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



85.8050, -4.1250, -7.8450



86.7520, -13.8010, 2.3190



89.3610, 15.2210, 4.9890

Complementary

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



85.8050, -4.1250, -7.8450



83.1950, 4.1250, 7.8450

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.



89.7890, 11.1400, 7.3640



85.8050, -4.1250, -7.8450



88.4650, -5.5030, 6.1210

Square

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



85.8050, -4.1250, -7.8450



85.3660, -18.7060, -2.4020



89.8960, 3.5290, 7.6330



88.8400, 15.1300, 1.1300

Rectangle

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



85.8050, -4.1250, -7.8450



84.2150, -16.9630, -6.4590



89.8960, 3.5290, 7.6330



89.7030, 14.2580, 5.9220

Sweetspot

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



85.8050, -4.1250, -7.8450



117.5220, -1.6500, -3.1380



90.2900, 4.8150, -4.6650



59.7610, -0.8250, -1.5690



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



85.8050, -4.1250, -7.8450



110.0880, -6.6000, -12.5520



86.6030, -6.3720, -5.6680



43.9350, -1.3750, -2.6150



64.5700, -30.2500, -57.5300



139.1190, -65.1750, -123.9510

Inverse Universe

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



83.1950, 4.1250, 7.8450



105.9120, 6.6000, 12.5520



82.2830, 6.6930, 5.3570



43.0650, 1.3750, 2.6150



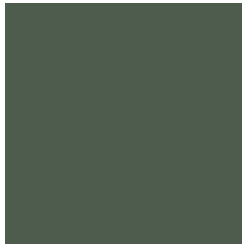
45.4300, 30.2500, 57.5300



97.8810, 65.1750, 123.9510

Previews

White Background



This preview shows how the YIQ color 85.8050, -4.1250, -7.8450 looks on a white background.

Color Contrast Check

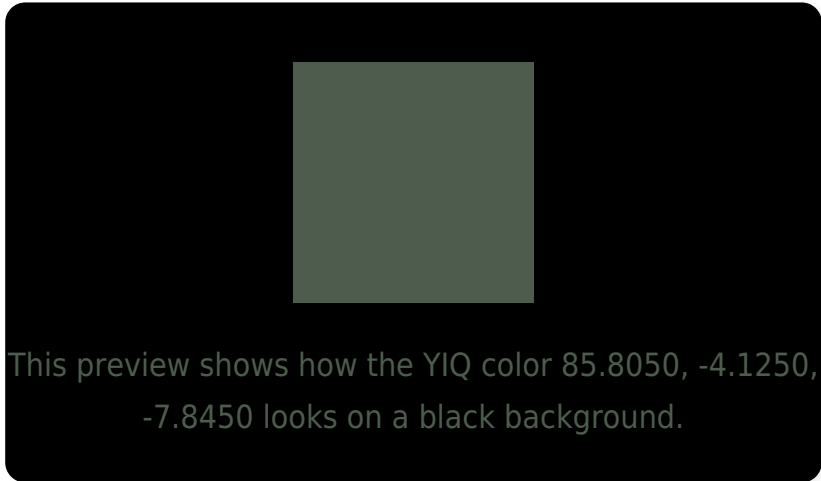
Large Text (above 18pt) WCAG AA ✓ Pass

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

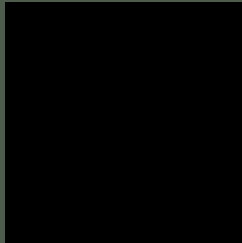
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

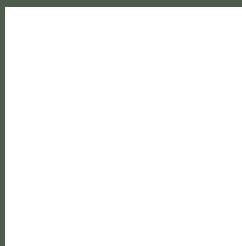
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 85.8050, -4.1250, -7.8450

Background



This preview shows how black text looks on a background with the YIQ color 85.8050, -4.1250, -7.8450.



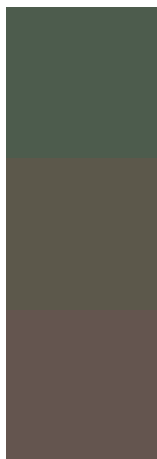
This preview shows how white text looks on a background with the YIQ color 85.8050, -4.1250, -7.8450.

-7.8450.

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

85.8050, -4.1250, -7.8450

Protanopia

87.7140, 6.5570, -3.1950

Deuteranopia

88.8010, 10.8660, 1.3140



Tritanopia

87.1070, -7.6110, 0.2690

Trichromacy



Original Color

85.8050, -4.1250, -7.8450

Protanomaly

86.9200, 2.9810, -4.4670

Deuteranomaly

88.0560, 5.5940, -2.2620

Tritanomaly

86.5970, -6.2350, -2.6430

Monochromacy



Original Color

85.8050, -4.1250, -7.8450

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.9350, -1.3750, -2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.8050, -4.1250, -7.8450 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(77, 92, 77)` looks like.

```
.text, #text, p{  
    color:rgb(77, 92, 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(77, 92, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 92, 77) }
```

Border

The CSS property to change the border of an element to YIQ 85.8050, -4.1250, -7.8450 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(77, 92, 77) }
```


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

```
.border{ border-color:rgb(77, 92, 77) }
```

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

Here you see how a box with a 4 pixel rgb(77, 92, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 92, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 92, 77);  
box-shadow:4px 4px 4px 4px rgb(77, 92, 77)  
}
```

Background

The CSS property to change the background color of an element to YIQ 85.8050, -4.1250, -7.8450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 92, 77) }
```

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

```
.background{ background-color: rgb(77, 92,  
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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