

Converting Colors

YIQ(86.8650, -4.3540, -9.2020)

Have a look what the booklet for
YIQ(86.8650, -4.3540, -9.2020)
contains.

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Color

**YIQ(86.8650, -4.3540,
-9.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5E4C
RGB	77, 94, 76
RGB Percent	30%, 37%, 30%
CMY	0.6981, 0.6313, 0.7020
CMYK	0.18, 0.00, 0.19, 0.63
HSL	117°, 11%, 33%
HSV	117°, 19%, 37%
XYZ	8.3673, 10.1057, 8.3469
YIQ	86.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

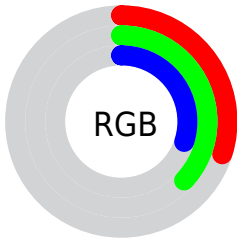
Format	Color
R _Y B	76, 94, 93
Decimal	5070412
CIE Lab	38.03, -10.47, 8.20
CIE LCh	38, 13.295, 141.938
Yxy	10.1057, 0.3120, 0.3768
Android (android.graphics.Color)	4283260492 (0xFF4D5E4C)
YUV	86.8650, -5.3564, -8.6516
Hunter-Lab	31.7895, -8.6485, 6.6849

Details

The YIQ color **86.8650, -4.3540, -9.2020** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83.1350, 4.3540, 9.2020**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.4520, -4.6290, -9.7250**, and **41.3920, -4.4000, -8.3680** is the 20% darker color. If you saturate the color by 10%, you get **83.1480, -6.8290, -13.9090**, and if you desaturate by 10%, it is **90.5820, -1.8790, -4.4950**.

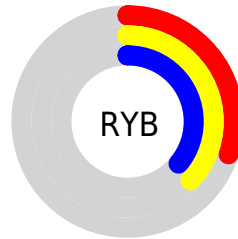
Distribution



Red (30%)

Green (37%)

Blue (30%)



Red (30%)

Yellow (37%)

Blue (36%)

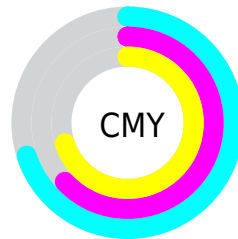


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (63%)



Cyan (70%)

Magenta (63%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 86.8650, -4.3540, -9.2020 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 86.8650, -4.3540, -9.2020 by changing the saturation by 10% instead.

■ 86.8650, -4.3540,
-9.2020

■ 86.8650, -4.3540,
-9.2020

■ 255.0000, -0.0000,
-0.0000

■ 63.2780, -4.0790,
-8.6790

■ 136.4520, -4.6290,
-9.7250

■ 41.3920, -4.4000,
-8.3680

■ 163.0390, -4.9040,
-10.2480

■ 20.1640, -3.7580,
-8.9900

■ 189.9250, -4.5830,
-10.5590

■ 0.0000, 0.0000,
0.0000

■ 217.9250, -4.5830,
-10.5590

■ 246.5120, -4.8580,
-11.0820

■ 86.8650, -4.3540,
-9.2020

■ 86.8650, -4.3540,
-9.2020

■ 83.1480, -6.8290,
-13.9090

■ 90.5820, -1.8790,
-4.4950

■ 79.3170, -8.9830,
-18.9270

■ 94.4130, 0.2750,
0.5230

■ 75.6000, -11.4580,
-23.6340

■ 98.1300, 2.7500,
5.2300

■ 71.7690, -13.6120,
-28.6520

■ 101.9610, 4.9040,
10.2480

■ 68.3510, -15.4910,
-33.1470

■ 105.3790, 6.7830,
14.7430

■ 64.6340, -17.9660,
-37.8540

■ 109.0960, 9.2580,
19.4500

■ 60.8030, -20.1200,
-42.8720


■ 112.9270, 11.4120,
24.4680

■ 57.0860, -22.5950,

■ 116.6440, 13.8870,

-47.5790

29.1750

 56.6730, -22.8700,
-48.1020

 120.4750, 16.0410,
34.1930

Harmonies

Analogous

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



87.8940, 5.8700, -7.2660



86.8650, -4.3540, -9.2020



85.8900, -14.6700, -9.4700

Triad

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



86.8650, -4.3540, -9.2020



87.8980, -17.1480, 2.4040



90.9700, 17.8800, 6.3600

Complementary

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



86.8650, -4.3540, -9.2020



83.1350, 4.3540, 9.2020

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.



91.3270, 12.5610, 9.1450



86.8650, -4.3540, -9.2020



90.3940, -6.7410, 6.5310

Square

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



86.8650, -4.3540, -9.2020



85.8000, -22.9240, -3.0520



91.2490, 4.0330, 9.5130



90.2210, 18.4310, 1.8790

Rectangle

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



86.8650, -4.3540, -9.2020



85.3070, -20.2180, -8.0420



91.2490, 4.0330, 9.5130



91.4260, 16.5960, 7.6040

Sweetspot

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



86.8650, -4.3540, -9.2020



119.1090, -1.9250, -3.6610



91.3610, 6.0530, -5.0750



59.3480, -1.1000, -2.0920



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.



86.8650, -4.3540, -9.2020



111.0340, -6.5080, -14.2200



87.4780, -7.5180, -6.9260



44.2340, -0.7790, -2.4030



66.3640, -26.6740, -56.2580



143.0060, -57.4270, -121.1950

Inverse Universe

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



83.1350, 4.3540, 9.2020



105.2650, 7.1040, 14.4320



82.5220, 7.5180, 6.9260



43.0650, 1.3750, 2.6150



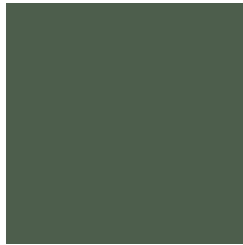
43.6360, 26.6740, 56.2580



93.9940, 57.4270, 121.1950

Previews

White Background



This preview shows how the YIQ color 86.8650, -4.3540, -9.2020 looks on a white background.

Color Contrast Check

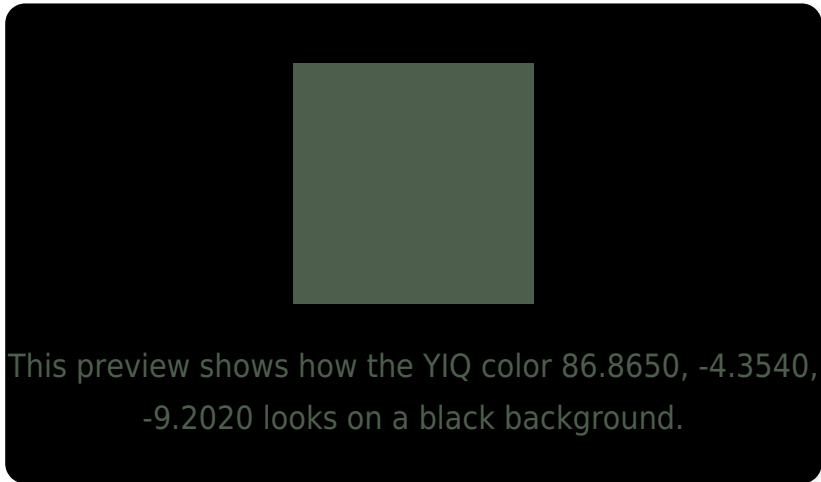
Large Text (above 18pt) WCAG AA ✓ Pass

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

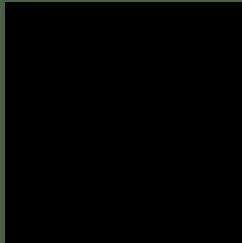
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 86.8650, -4.3540, -9.2020

Background



This preview shows how black text looks on a background with the YIQ color 86.8650, -4.3540, -9.2020.



This preview shows how white text looks on a background with the YIQ color 86.8650, -4.3540, -9.2020.

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

86.8650, -4.3540, -9.2020

Protanopia

88.7850, 7.7950, -3.6050

Deuteranopia

89.8720, 12.1040, 0.9040



Tritanopia

88.8080, -8.2070, 0.0570

Trichromacy



Original Color

86.8650, -4.3540, -9.2020

Protanomaly

88.2790, 3.3480, -5.6120

Deuteranomaly

88.8280, 6.2360, -2.8840

Tritanomaly

88.1840, -6.5100, -3.1660

Monochromacy



Original Color

86.8650, -4.3540, -9.2020

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.1090, -1.9250, -3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 86.8650, -4.3540, -9.2020 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, 94, 76)` looks like.

```
.text, #text, p{  
    color:rgb(77, 94, 76)  
}
```

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, 94, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 94, 76) }
```

Border

The CSS property to change the border of an element to YIQ 86.8650, -4.3540, -9.2020 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, 94, 76) }
```


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

```
.border{ border-color:rgb(77, 94, 76) }
```

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

Here you see how a box with a 4 pixel rgb(77, 94, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 94, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 94, 76);  
box-shadow:4px 4px 4px 4px rgb(77, 94, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 86.8650, -4.3540, -9.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 94, 76) }
```

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

```
.background{ background-color: rgb(77, 94,  
76) }
```

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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