

Converting Colors

YIQ(87.0820, -6.4630, -9.5270)

Have a look what the booklet for
YIQ(87.0820, -6.4630, -9.5270)
contains.

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Color

**YIQ(87.0820, -6.4630,
-9.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5F4E
RGB	75, 95, 78
RGB Percent	29%, 37%, 31%
CMY	0.7059, 0.6274, 0.6941
CMYK	0.21, 0.00, 0.18, 0.63
HSL	129°, 12%, 33%
HSV	129°, 21%, 37%
XYZ	8.3685, 10.2312, 8.7409
YIQ	87.0820, -6.4630, -9.5270

Conversions

Conversions Part 2

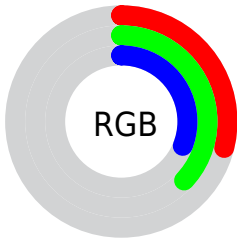
Format	Color
R_{YB}	75, 92, 95
Decimal	4939598
CIE _{Lab}	38.25, -11.42, 7.26
CIE _{LCh}	38, 13.533, 147.533
Yxy	10.2312, 0.3061, 0.3742
Android (android.graphics.Color)	4283129678 (0xFF4B5F4E)
YUV	87.0820, -4.4774, -10.5959
Hunter-Lab	31.9862, -9.2754, 6.1882

Details

The YIQ color **87.0820, -6.4630, -9.5270** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82.9180, 6.4630, 9.5270**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.2560, -7.0130, -10.5730**, and **41.6090, -6.5090, -8.6930** is the 20% darker color. If you saturate the color by 10%, you get **83.1800, -9.8550, -14.1350**, and if you desaturate by 10%, it is **90.6850, -3.6670, -5.1310**.

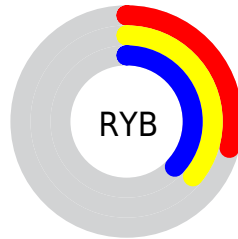
Distribution



 Red (29%)

 Green (37%)

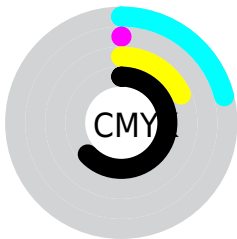
 Blue (31%)



 Red (29%)

 Yellow (36%)

 Blue (37%)

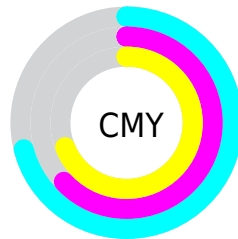


 Cyan (21%)


 Magenta (0%)

 Yellow (18%)

 Black (63%)



 Cyan (71%)

 Magenta (63%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.0820, -6.4630, -9.5270 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 87.0820, -6.4630, -9.5270 by changing the saturation by 10% instead.

■ 87.0820, -6.4630,
-9.5270

■ 87.0820, -6.4630,
-9.5270

■ 255.0000, -0.0000,
-0.0000

■ 63.4950, -6.1880,
-9.0040

■ 137.2560, -7.0130,
-10.5730

■ 41.6090, -6.5090,
-8.6930

■ 163.2560, -7.0130,
-10.5730

■ 20.4950, -6.1880,
-9.0040

■ 190.2560, -7.0130,
-10.5730

■ 0.0000, 0.0000,
0.0000

■ 217.8430, -7.2880,
-11.0960

■ 245.8430, -7.2880,
-11.0960

■ 87.0820, -6.4630,
-9.5270

■ 87.0820, -6.4630,
-9.5270

■ 83.1800, -9.8550,
-14.1350

■ 90.6850, -3.6670,
-5.1310

■ 79.5770, -12.6510,
-18.5310

■ 94.5870, -0.2750,
-0.5230

■ 75.6750, -16.0430,
-23.1390

■ 98.1900, 2.5210,
3.8730

■ 72.0720, -18.8390,
-27.5350

■ 102.0920, 5.9130,
8.4810

■ 68.1700, -22.2310,
-32.1430

■ 105.6950, 8.7090,
12.8770

■ 64.5670, -25.0270,
-36.5390

■ 109.5970, 12.1010,
17.4850

■ 60.5510, -28.0980,
-41.4580

■ 113.3140, 14.5760,
22.1920

■ 57.3610, -30.6190,

■ 117.2160, 17.9680,

-45.3310

26.8000

■ 120.8190, 20.7640,
31.1960

Harmonies

Analogous

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



88.2960, 4.6780, -7.6900



87.0820, -6.4630, -9.5270



85.6340, -16.8250, -8.9610

Triad

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



87.0820, -6.4630, -9.5270



88.9090, -15.6810, 3.3510



91.6280, 18.8430, 5.4270

Complementary

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



87.0820, -6.4630, -9.5270



82.9180, 6.4630, 9.5270

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.



91.6970, 14.3950, 8.9470



87.0820, -6.4630, -9.5270



91.2910, -4.9530, 7.1670

Square

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



87.0820, -6.4630, -9.5270



86.6260, -22.3740, -2.0060



91.7330, 5.5460, 9.6260



90.3950, 17.8810, 0.8330

Rectangle

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



87.0820, -6.4630, -9.5270



85.2360, -21.4560, -7.6320



91.7330, 5.5460, 9.6260



91.4970, 17.8340, 7.1940

Sweetspot

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



87.0820, -6.4630, -9.5270



119.2230, -2.2460, -3.3500



91.8230, 4.6320, -6.8560



59.4620, -1.4210, -1.7810



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.



87.0820, -6.4630, -9.5270



110.0660, -9.5340, -14.4460



88.2220, -9.6730, -6.4170



46.3480, -1.1000, -2.0920



67.6820, -36.2570, -53.2890



144.9840, -77.5560, -114.3240

Inverse Universe

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



82.9180, 6.4630, 9.5270



103.9340, 9.5340, 14.4460



81.7780, 9.6730, 6.4170



45.6520, 1.1000, 2.0920



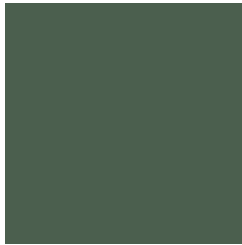
44.3180, 36.2570, 53.2890



95.0160, 77.5560, 114.3240

Previews

White Background



This preview shows how the YIQ color 87.0820, -6.4630, -9.5270 looks on a white background.

Color Contrast Check

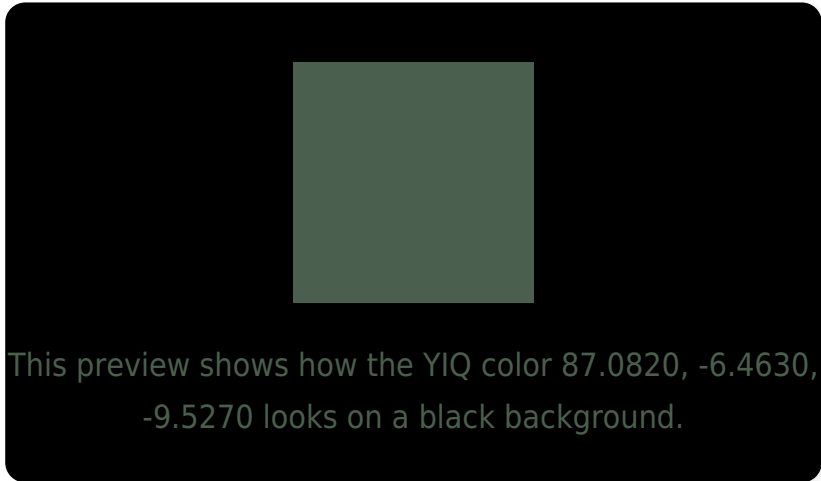
Large Text (above 18pt) WCAG AA ✓ Pass

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

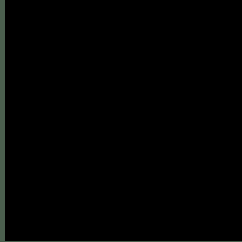
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.0820, -6.4630, -9.5270

Background



This preview shows how black text looks on a background with the YIQ color 87.0820, -6.4630, -9.5270.



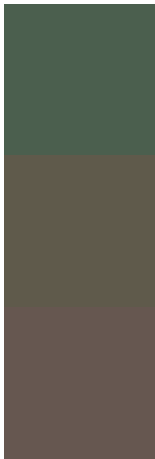
This preview shows how white text looks on a background with the YIQ color 87.0820, -6.4630, -9.5270.

-9.5270.

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

87.0820, -6.4630, -9.5270

Protanopia

89.7850, 7.7950, -3.6050

Deuteranopia

90.6870, 11.1870, 1.0030



Tritanopia

88.9110, -9.9950, -0.5790

Trichromacy



Original Color

87.0820, -6.4630, -9.5270

Protanomaly

88.9800, 2.7520, -5.8240

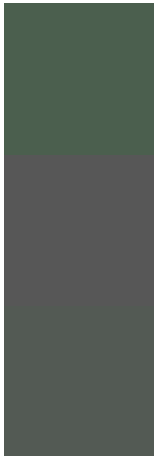
Deuteranomaly

89.3440, 4.7230, -2.9970

Tritanomaly

88.2870, -8.2980, -3.8020

Monochromacy



Original Color

87.0820, -6.4630, -9.5270

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.2230, -2.2460, -3.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.0820, -6.4630, -9.5270 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(75, 95, 78)` looks like.

```
.text, #text, p{  
    color:rgb(75, 95, 78)  
}
```

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(75, 95, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 95, 78) }
```

Border

The CSS property to change the border of an element to YIQ 87.0820, -6.4630, -9.5270 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(75, 95, 78) }
```


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

```
.border{ border-color:rgb(75, 95, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 95, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 95, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 95, 78);  
box-shadow:4px 4px 4px 4px rgb(75, 95, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 87.0820, -6.4630, -9.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 95, 78) }
```

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

```
.background{ background-color: rgb(75, 95,  
78) }
```

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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