

Converting Colors

YIQ(44.4940, -4.4470, -2.0070)

Have a look what the booklet for
YIQ(44.4940, -4.4470, -2.0070)
contains.

YIQ(44.4940, -4.4470, -2.0070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(44.4940, -4.4470,
-2.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	272F2E
RGB	39, 47, 46
RGB Percent	15%, 18%, 18%
CMY	0.8471, 0.8157, 0.8196
CMYK	0.17, 0.00, 0.02, 0.82
HSL	172°, 9%, 17%
HSV	172°, 17%, 18%
XYZ	2.3462, 2.6618, 2.9744
YIQ	44.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

Format	Color
R_{YB}	39, 43, 47
Decimal	2567982
CIE _{Lab}	18.63, -3.70, -0.52
CIE _{LCh}	19, 3.741, 187.976
Yxy	2.6618, 0.2939, 0.3335
Android (android.graphics.Color)	4280758062 (0xFF272F2E)
YUV	44.4940, 0.7425, -4.8182
Hunter-Lab	16.3149, -2.8813, 0.6110

Details

The YIQ color **44.4940, -4.4470, -2.0070** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.5060, 4.4470, 2.0070**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.1950, -5.0430, -2.2190**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **42.8850, -7.1060, -3.3780**, and if you desaturate by 10%, it is **46.1030, -1.7880, -0.6360**.

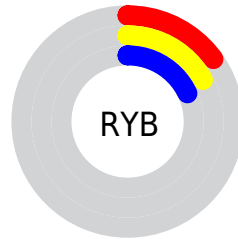
Distribution



Red (15%)

Green (18%)

Blue (18%)



Red (15%)

Yellow (17%)

Blue (18%)

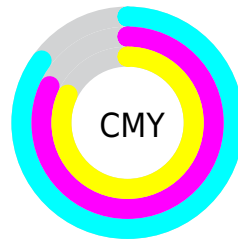


Cyan (17%)

Magenta (0%)

Yellow (2%)

Black (82%)



Cyan (85%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.4940, -4.4470, -2.0070 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 44.4940, -4.4470, -2.0070 by changing the saturation by 10% instead.

■ 44.4940, -4.4470,
-2.0070

■ 44.4940, -4.4470,
-2.0070

■ 255.0000, -0.0000,
-0.0000

■ 23.7930, -3.8510,
-1.7950

■ 90.1950, -5.0430,
-2.2190

■ 0.0000, 0.0000,
0.0000

■ 114.1950, -5.0430,
-2.2190

■ 140.1950, -5.0430,
-2.2190

■ 166.7820, -5.3180,
-2.7420

■ 193.7820, -5.3180,
-2.7420

■ 221.4830, -5.9140,

-2.9540

■ 249.8960, -5.6390,
-2.4310

■ 44.4940, -4.4470,
-2.0070

■ 44.4940, -4.4470,
-2.0070

■ 42.8850, -7.1060,
-3.3780

■ 46.1030, -1.7880,
-0.6360

■ 41.6890, -9.4900,
-4.2260

■ 47.2990, 0.5960,
0.2120

■ 40.0800, -12.1490,
-5.5970

■ 48.9080, 3.2550,
1.5830

■ 38.5850, -15.1290,
-6.6570

■ 50.4030, 6.2350,
2.6430

■ 36.9760, -17.7880,
-8.0280

■ 51.7130, 8.2980,
3.8020

■ 35.6660, -19.8510,
-9.1870

■ 53.3220, 10.9570,
5.1730

■ 34.1710, -22.8310,
-10.2470

■ 54.8170, 13.9370,
6.2330

■ 32.5620, -25.4900,
-11.6180

■ 56.4260, 16.5960,
7.6040

■ 32.2630, -26.0860,
-11.8300

■ 57.6220, 18.9800,
8.4520

Harmonies

Analogous

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



44.7500, -2.2920, -2.5160



44.4940, -4.4470, -2.0070



44.8360, -5.4100, -1.0740

Triad

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



44.4940, -4.4470, -2.0070



45.5810, -0.1380, 2.5020



45.9250, 4.5850, -0.4950

Complementary

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



44.4940, -4.4470, -2.0070



41.5060, 4.4470, 2.0070

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.



45.8650, 4.8140, 0.8620



44.4940, -4.4470, -2.0070



46.1360, 2.6130, 2.2050

Square

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



44.4940, -4.4470, -2.0070



45.0860, -3.1180, 1.4420



46.2070, 3.8510, 1.7950



45.0280, 2.7970, -1.1310

Rectangle

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



44.4940, -4.4470, -2.0070



44.6620, -4.8600, -0.0280



46.2070, 3.8510, 1.7950



45.4520, 4.5390, 0.3390

Sweetspot

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



44.4940, -4.4470, -2.0070



60.1030, -1.7880, -0.6360



43.9950, -1.6040, -3.9720



30.2880, -0.8710, -0.7350



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



44.4940, -4.4470, -2.0070



57.2980, -6.8310, -2.8550



42.8470, -3.9430, -0.1270



22.4020, -1.1920, -0.4240



59.7330, -48.3210, -21.8650



146.9360, -118.8770, -53.7650

Inverse Universe

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



41.5060, 4.4470, 2.0070



52.8160, 6.5100, 3.1660



43.1530, 3.9430, 0.1270



21.5980, 1.1920, 0.4240



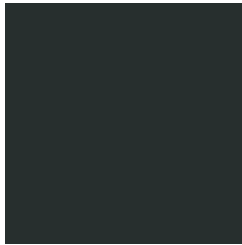
27.2670, 48.3210, 21.8650



67.0640, 118.8770, 53.7650

Previews

White Background



This preview shows how the YIQ color 44.4940, -4.4470, -2.0070 looks on a white background.

Color Contrast Check

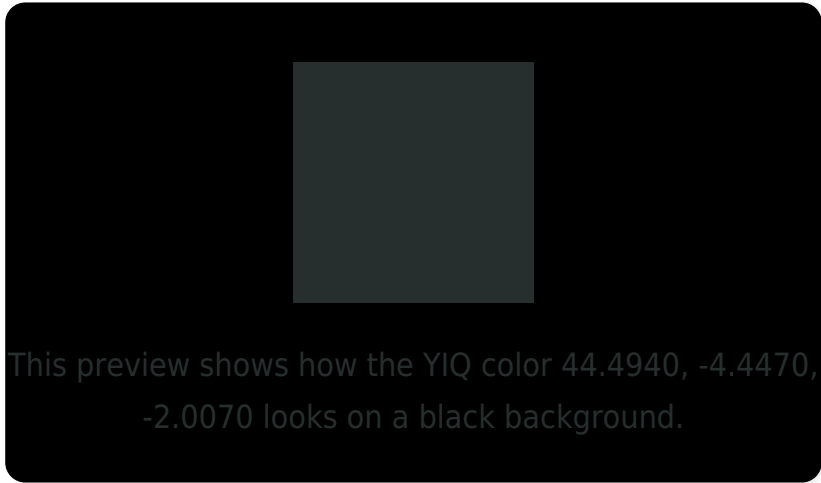
Large Text (above 18pt) WCAG AA ✓ Pass

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

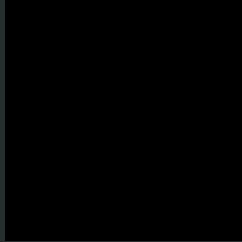
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.4940, -4.4470, -2.0070

Background



This preview shows how black text looks on a background with the YIQ color 44.4940, -4.4470, -2.0070.



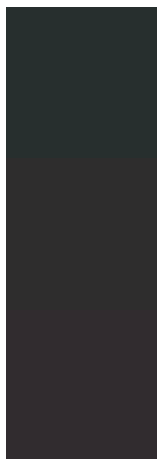
This preview shows how white text looks on a background with the YIQ color 44.4940, -4.4470, -2.0070.

-2.0070.

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

44.4940, -4.4470, -2.0070

Protanopia

45.2990, 0.5960, 0.2120

Deuteranopia

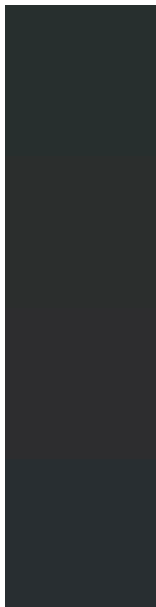
45.8370, 2.0170, 1.9930



Tritanopia

44.6620, -4.8600, -0.0280

Trichromacy



Original Color

44.4940, -4.4470, -2.0070

Protanomaly

44.9890, -1.4670, -0.9470

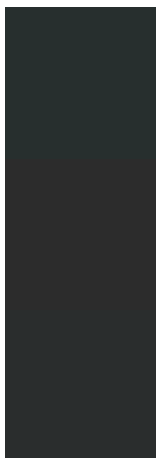
Deuteranomaly

45.2280, -0.6420, 0.6220

Tritanomaly

44.5480, -4.5390, -0.3390

Monochromacy



Original Color

44.4940, -4.4470, -2.0070

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.1030, -1.7880, -0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.4940, -4.4470, -2.0070 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(39, 47, 46)` looks like.

```
.text, #text, p{  
    color:rgb(39, 47, 46)  
}
```

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(39, 47, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 47, 46) }
```

Border

The CSS property to change the border of an element to YIQ 44.4940, -4.4470, -2.0070 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(39, 47, 46) }
```


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

```
.border{ border-color:rgb(39, 47, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 47, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 47, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 47, 46);  
box-shadow:4px 4px 4px 4px rgb(39, 47, 46)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.4940, -4.4470, -2.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 47, 46) }
```

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

```
.background{ background-color: rgb(39, 47,  
46) }
```

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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