

Converting Colors

YIQ(44.4660, -7.2440, -0.8760)

Have a look what the booklet for
YIQ(44.4660, -7.2440, -0.8760)
contains.

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Color

**YIQ(44.4660, -7.2440,
-0.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	252F33
RGB	37, 47, 51
RGB Percent	15%, 18%, 20%
CMY	0.8549, 0.8157, 0.8000
CMYK	0.27, 0.08, 0.00, 0.80
HSL	197°, 16%, 17%
HSV	197°, 27%, 20%
XYZ	2.3768, 2.6655, 3.5203
YIQ	44.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

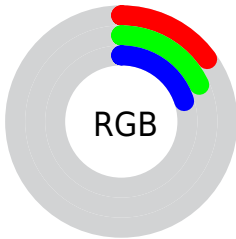
Format	Color
R_{YB}	37, 43, 51
Decimal	2436915
CIE Lab	18.65, -3.15, -3.97
CIE LCh	19, 5.065, 231.616
Yxy	2.6655, 0.2776, 0.3113
Android (android.graphics.Color)	4280626995 (0xFF252F33)
YUV	44.4660, 3.2213, -6.5477
Hunter-Lab	16.3264, -2.5853, -1.3554

Details

The YIQ color **44.4660, -7.2440, -0.8760** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.5340, 7.2440, 0.8760**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.1670, -7.8400, -1.0880**, and **0.4560, -1.2840, 1.2440** is the 20% darker color. If you saturate the color by 10%, you get **42.3840, -9.9490, -1.4130**, and if you desaturate by 10%, it is **46.5480, -4.5390, -0.3390**.

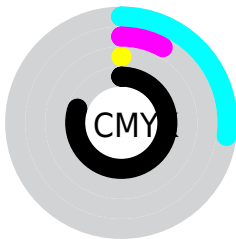
Distribution



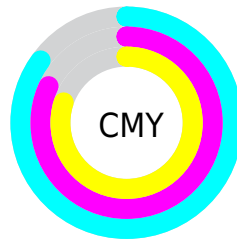
- Red (15%)
- Green (18%)
- Blue (20%)



- Red (15%)
- Yellow (17%)
- Blue (20%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (80%)



- Cyan (85%)
- Magenta (82%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.4660, -7.2440, -0.8760 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 44.4660, -7.2440, -0.8760 by changing the saturation by 10% instead.

■ 44.4660, -7.2440,
-0.8760

■ 44.4660, -7.2440,
-0.8760

■ 255.0000, -0.0000,
-0.0000

■ 23.7650, -6.6480,
-0.6640

■ 90.1670, -7.8400,
-1.0880

■ 0.4560, -1.2840,
1.2440

■ 114.2810, -8.1610,
-0.7770

■ 0.0000, 0.0000,
0.0000

■ 140.2810, -8.1610,
-0.7770

■ 166.2810, -8.1610,
-0.7770

■ 193.9820, -8.7570,
-0.9890

■ 221.6830, -9.3530,

-1.2010

■ 249.6400, -7.7940,
-1.9220

■ 44.4660, -7.2440,
-0.8760

■ 44.4660, -7.2440,
-0.8760

■ 42.3840, -9.9490,
-1.4130

■ 46.5480, -4.5390,
-0.3390

■ 39.7150, -12.3790,
-1.4270

■ 49.2170, -2.1090,
-0.3250

■ 37.6330, -15.0840,
-1.9640

■ 51.2990, 0.5960,
0.2120

■ 34.9640, -17.5140,
-1.9780

■ 53.9680, 3.0260,
0.2260

■ 32.5830, -20.8150,
-2.7270

■ 56.0500, 5.7310,
0.7630

■ 29.9140, -23.2450,
-2.7410

■ 59.0180, 8.7570,
0.9890

■ 27.8320, -25.9500,
-3.2780

■ 61.1000, 11.4620,
1.5260

■ 26.9460, -26.2710,
-2.9670

■ 63.7690, 13.8920,
1.5400

■ 65.8510, 16.5970,
2.0770

Harmonies

Analogous

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



44.4120, -7.1520, -2.5440



44.4660, -7.2440, -0.8760



45.0040, -5.8230, 0.9050

Triad

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



44.4660, -7.2440, -0.8760



46.1470, 4.0800, 3.1520



44.9030, 1.6510, -2.3890

Complementary

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



44.4660, -7.2440, -0.8760



43.5340, 7.2440, 0.8760

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.



45.3980, 4.6310, -1.3290



44.4660, -7.2440, -0.8760



45.9900, 5.9600, 2.1200

Square

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



44.4660, -7.2440, -0.8760



46.1790, 1.0540, 2.9260



45.9360, 6.0520, 0.4520



44.5220, -1.6500, -3.1380

Rectangle

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



44.4660, -7.2440, -0.8760



45.3140, -3.7600, 2.0640



45.9360, 6.0520, 0.4520



45.3870, 3.1640, -2.2760

Sweetspot

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



44.4660, -7.2440, -0.8760



63.9180, -2.7050, -0.5370



45.6740, -5.1340, -6.0780



31.5160, -1.5130, -0.1130



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



44.4660, -7.2440, -0.8760



55.9000, -11.4620, -1.5260



40.3570, -5.3190, 2.7850



24.5160, -1.5130, -0.1130



47.7140, -46.1690, -5.7930



115.7230, -112.2820, -13.5780

Inverse Universe

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



42.3260, 5.1340, 6.0780



52.4020, 7.9760, 9.6400



47.6430, 5.3190, -2.7850



24.1250, 1.1460, 1.2580



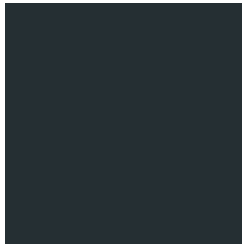
33.9070, 32.5000, 38.7720



82.5530, 79.5770, 94.2090

Previews

White Background



This preview shows how the YIQ color 44.4660, -7.2440, -0.8760 looks on a white background.

Color Contrast Check

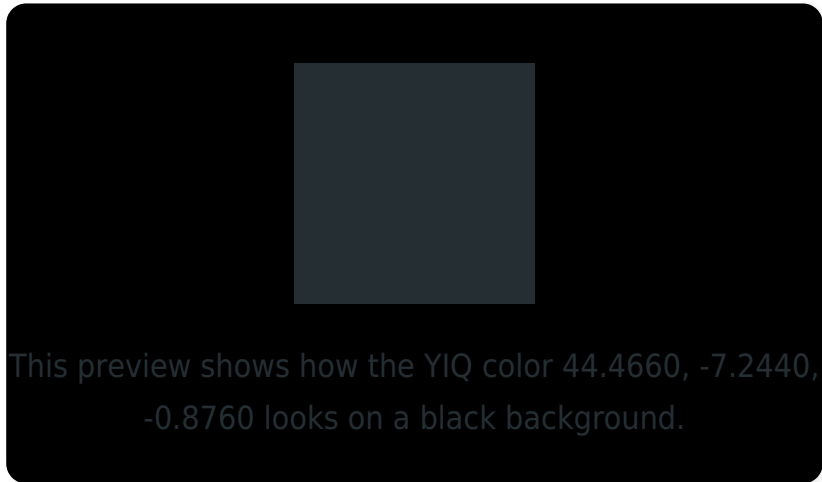
Large Text (above 18pt) WCAG AA ✓ Pass

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

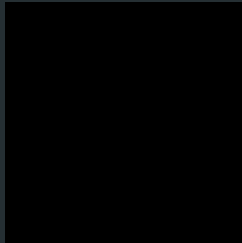
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.4660, -7.2440, -0.8760

Background



This preview shows how black text looks on a background with the YIQ color 44.4660, -7.2440, -0.8760.



This preview shows how white text looks on a background with the YIQ color 44.4660, -7.2440, -0.8760.

-0.8760.

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

44.4660, -7.2440, -0.8760

Protanopia

45.5700, -1.6050, 1.5550

Deuteranopia

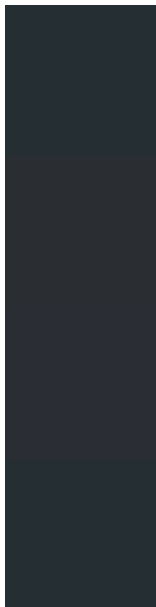
45.8090, -0.7800, 3.1240



Tritanopia

44.4660, -7.2440, -0.8760

Trichromacy



Original Color

44.4660, -7.2440, -0.8760

Protanomaly

45.2600, -3.6680, 0.3960

Deuteranomaly

45.2000, -3.4390, 1.7530

Tritanomaly

44.4660, -7.2440, -0.8760

Monochromacy



Original Color

44.4660, -7.2440, -0.8760

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.4660, -7.2440, -0.8760 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(37, 47, 51)` looks like.

```
.text, #text, p{  
    color:rgb(37, 47, 51)  
}
```

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(37, 47, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 47, 51) }
```

Border

The CSS property to change the border of an element to YIQ 44.4660, -7.2440, -0.8760 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(37, 47, 51) }
```


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

```
.border{ border-color:rgb(37, 47, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 47, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 47, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 47, 51);  
box-shadow:4px 4px 4px 4px rgb(37, 47, 51)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.4660, -7.2440, -0.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 47, 51) }
```

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

```
.background{ background-color: rgb(37, 47,  
51) }
```

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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