

Converting Colors

YIQ(59.7650, -15.8160,
-10.7280)

Have a look what the booklet for
YIQ(59.7650, -15.8160, -10.7280)
contains.

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Color

**YIQ(59.7650, -15.8160,
-10.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	26473B
RGB	38, 71, 59
RGB Percent	15%, 28%, 23%
CMY	0.8511, 0.7215, 0.7687
CMYK	0.47, 0.00, 0.17, 0.72
HSL	158°, 30%, 21%
HSV	158°, 47%, 28%
XYZ	3.8417, 5.2355, 4.9439
YIQ	59.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

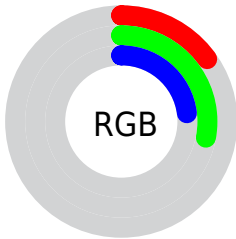
Format	Color
RYB	38, 58, 71
Decimal	2508603
CIELab	27.40, -15.46, 3.47
CIELCh	27, 15.841, 167.351
Yxy	5.2355, 0.2740, 0.3734
Android (android.graphics.Color)	4280698683 (0xFF26473B)
YUV	59.7650, -0.3771, -19.0879
Hunter-Lab	22.8812, -10.0725, 3.2062

Details

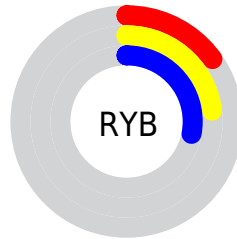
The YIQ color **59.7650, -15.8160, -10.7280** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **49.2350, 15.8160, 10.7280**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.9390, -16.3660, -11.7740**, and **18.3740, -13.1570, -9.3570** is the 20% darker color. If you saturate the color by 10%, you get **57.3300, -19.0250, -13.1450**, and if you desaturate by 10%, it is **62.2000, -12.6070, -8.3110**.

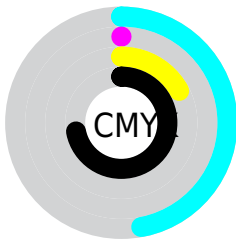
Distribution



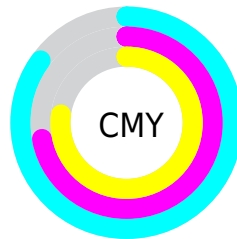
- Red (15%)
- Green (28%)
- Blue (23%)



- Red (15%)
- Yellow (23%)
- Blue (28%)



- Cyan (47%)
- Magenta (0%)
- Yellow (17%)
- Black (72%)



- Cyan (85%)
- Magenta (72%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.7650, -15.8160, -10.7280 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 59.7650, -15.8160, -10.7280 by changing the saturation by 10% instead.

■ 59.7650, -15.8160,
-10.7280

■ 59.7650, -15.8160,
-10.7280

■ 255.0000, -0.0000,
-0.0000

■ 36.8790, -16.1370,
-10.4170

■ 107.9390,
-16.3660, -11.7740

■ 18.3740, -13.1570,
-9.3570

■ 132.9390,
-16.3660, -11.7740

■ 0.0000, 0.0000,
0.0000

■ 159.5260,
-16.6410, -12.2970

■ 186.2270,
-17.2370, -12.5090

■ 213.9280,
-17.8330, -12.7210

■ 241.9280,

-17.8330, -12.7210

252.3090, -5.3640,
-1.9080

59.7650, -15.8160,
-10.7280

59.7650, -15.8160,
-10.7280

57.3300, -19.0250,
-13.1450

62.2000, -12.6070,
-8.3110

55.0090, -22.5550,
-15.2510

64.5210, -9.0770,
-6.2050

52.5740, -25.7640,
-17.6680

66.9560, -5.8680,
-3.7880

50.2530, -29.2940,
-19.7740

69.2770, -2.3380,
-1.6820

47.5190, -33.0990,
-22.4030

71.7120, 0.8710,
0.7350

■ 46.8070, -33.9700,
-23.1380

■ 74.4460, 4.6760,
3.3640

■ 76.7670, 8.2060,
5.4700

■ 79.2020, 11.4150,
7.8870

■ 81.5230, 14.9450,
9.9930

Harmonies

Analogous

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



61.5230, -3.3910, -10.1350



59.7650, -15.8160, -10.7280



57.5450, -26.8200, -9.5400

Triad

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



59.7650, -15.8160, -10.7280



64.6540, -10.4090, 6.9270



65.1180, 20.2190, 2.5150

Complementary

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



59.7650, -15.8160, -10.7280



49.2350, 15.8160, 10.7280

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.



66.0950, 19.0260, 7.6180



59.7650, -15.8160, -10.7280



66.2920, 2.4740, 10.2340

Square

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



59.7650, -15.8160, -10.7280



61.6200, -22.2370, 1.0190



66.2670, 12.7900, 10.5020



64.3900, 16.2770, -3.1390

Rectangle

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



59.7650, -15.8160, -10.7280



58.1580, -29.9840, -7.2640



66.2670, 12.7900, 10.5020



65.5850, 20.4020, 4.7060

Sweetspot

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



59.7650, -15.8160, -10.7280



87.5430, -6.1430, -4.3110



60.9590, -1.9230, -14.7150



43.2660, -3.8050, -2.6290



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



59.7650, -15.8160, -10.7280



74.2860, -24.8930, -16.9330



58.7850, -18.5680, -4.9040



34.5760, -1.7420, -1.4700



65.2950, -47.4480, -32.1840



149.6650, -108.6490, -73.9370

Inverse Universe

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



49.2350, 15.8160, 10.7280



57.7140, 24.8930, 16.9330



50.2150, 18.5680, 4.9040



33.3100, 2.0630, 1.1590



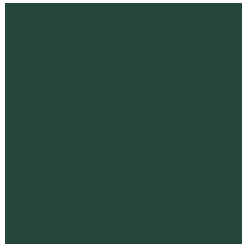
33.7050, 47.4480, 32.1840



77.3350, 108.6490, 73.9370

Previews

White Background



This preview shows how the YIQ color 59.7650, -15.8160, -10.7280 looks on a white background.

Color Contrast Check

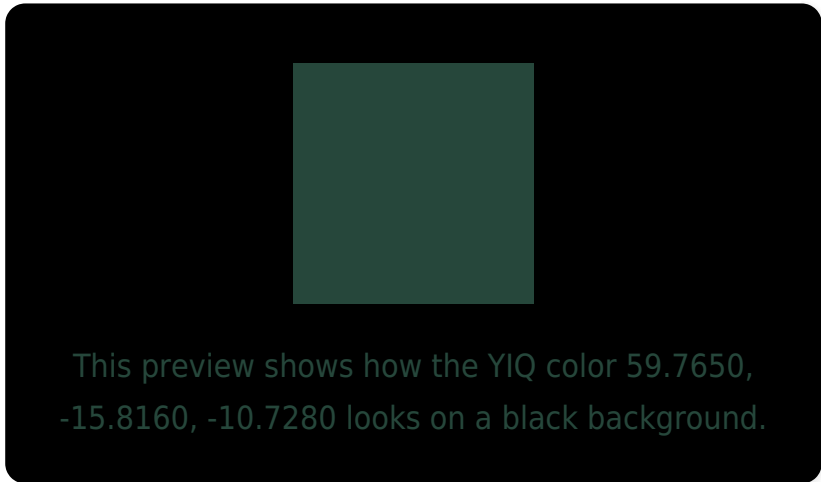
Large Text (above 18pt) WCAG AA ✓ Pass

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

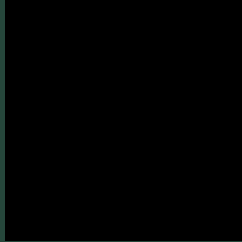
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.7650, -15.8160, -10.7280

Background



This preview shows how black text looks on a background with the YIQ color 59.7650, -15.8160, -10.7280.



This preview shows how white text looks on a background with the YIQ color 59.7650, -15.8160,

-10.7280.

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

59.7650, -15.8160, -10.7280

Protanopia

64.2840, 4.9520, -1.6400

Deuteranopia

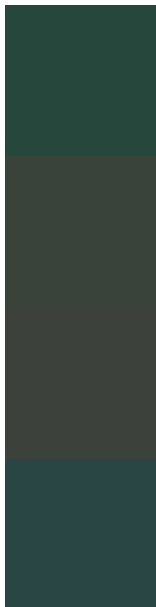
64.8760, 6.2810, 1.8090



Tritanopia

61.4970, -17.6970, -4.1690

Trichromacy



Original Color

59.7650, -15.8160, -10.7280

Protanomaly

62.8700, -2.7500, -5.2300

Deuteranomaly

62.9350, -1.3750, -2.6150

Tritanomaly

61.2150, -16.9630, -6.4590

Monochromacy



Original Color

59.7650, -15.8160, -10.7280

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.9560, -5.8680, -3.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.7650, -15.8160, -10.7280 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(38, 71, 59)` looks like.

```
.text, #text, p{  
    color:rgb(38, 71, 59)  
}
```

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(38, 71, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 71, 59) }
```

Border

The CSS property to change the border of an element to YIQ 59.7650, -15.8160, -10.7280 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(38, 71, 59) }
```


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

```
.border{ border-color:rgb(38, 71, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 71, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 71, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 71, 59);  
box-shadow:4px 4px 4px 4px rgb(38, 71, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.7650, -15.8160, -10.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 71, 59) }
```

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

```
.background{ background-color: rgb(38, 71,  
59) }
```

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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