

Converting Colors

YIQ(75.0460, -23.9770,
-11.5050)

Have a look what the booklet for
YIQ(75.0460, -23.9770, -11.5050)
contains.

YIQ(75.0460, -23.9770, -11.5050)	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(75.0460, -23.9770,
-11.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5952
RGB	45, 89, 82
RGB Percent	18%, 35%, 32%
CMY	0.8236, 0.6509, 0.6785
CMYK	0.49, 0.00, 0.08, 0.65
HSL	170°, 33%, 26%
HSV	170°, 49%, 35%
XYZ	6.1770, 8.3139, 9.2573
YIQ	75.0460, -23.9770, -11.5050

Conversions

Conversions Part 2

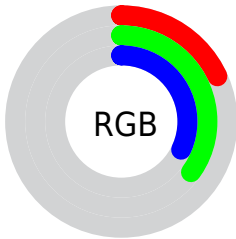
Format	Color
RYB	45, 69, 89
Decimal	2971986
CIELab	34.63, -17.20, -0.65
CIElCh	35, 17.213, 182.175
Yxy	8.3139, 0.2601, 0.3501
Android (android.graphics.Color)	4281162066 (0xFF2D5952)
YUV	75.0460, 3.4283, -26.3503
Hunter-Lab	28.8339, -12.2198, 1.1484

Details

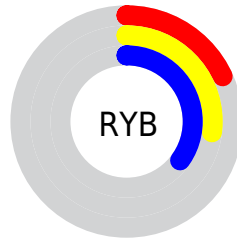
The YIQ color **75.0460, -23.9770, -11.5050** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **58.9540, 23.9770, 11.5050**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.6330, -24.2520, -12.0280**, and **29.4590, -23.7020, -10.9820** is the 20% darker color. If you saturate the color by 10%, you get **72.2410, -29.0200, -13.7240**, and if you desaturate by 10%, it is **77.8510, -18.9340, -9.2860**.

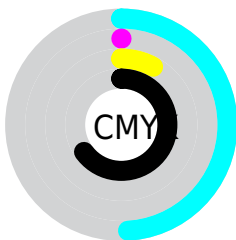
Distribution



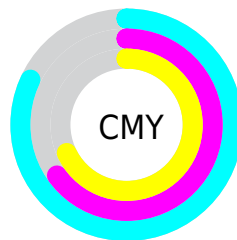
- Red (18%)
- Green (35%)
- Blue (32%)



- Red (18%)
- Yellow (27%)
- Blue (35%)



- Cyan (49%)
- Magenta (0%)
- Yellow (8%)
- Black (65%)



- Cyan (82%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.0460, -23.9770, -11.5050 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 75.0460, -23.9770, -11.5050 by changing the saturation by 10% instead.

■ 75.0460, -23.9770,
-11.5050

■ 75.0460, -23.9770,
-11.5050

■ 255.0000, -0.0000,
-0.0000

■ 50.8610, -24.8940,
-11.4060

■ 124.6330,
-24.2520, -12.0280

■ 29.4590, -23.7020,
-10.9820

■ 151.2200,
-24.5270, -12.5510

■ 15.9120, -11.7360,
-7.5760

■ 177.9210,
-25.1230, -12.7630

■ 0.0000, 0.0000,
0.0000

■ 205.6220,
-25.7190, -12.9750

■ 233.6220,
-25.7190, -12.9750

■ 247.2260,

-15.4960, -5.5120

■ 75.0460, -23.9770,
-11.5050

■ 75.0460, -23.9770,
-11.5050

■ 72.2410, -29.0200,
-13.7240

■ 77.8510, -18.9340,
-9.2860

■ 69.3220, -33.7420,
-16.2540

■ 80.7700, -14.2120,
-6.7560

■ 66.5170, -38.7850,
-18.4730

■ 83.5750, -9.1690,
-4.5370

■ 63.5980, -43.5070,
-21.0030

■ 86.4940, -4.4470,
-2.0070

■ 60.7930, -48.5500,
-23.2220

■ 89.0000, -0.0000,
-0.0000

■ 91.9190, 4.7220,
2.5300

■ 94.7240, 9.7650,
4.7490

■ 97.5290, 14.8080,
6.9680

■ 100.4480, 19.5300,
9.4980

Harmonies

Analogous

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



77.3480, -10.2680, -12.1560



75.0460, -23.9770, -11.5050



74.5490, -32.6430, -8.6350

Triad

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



75.0460, -23.9770, -11.5050



83.1710, -4.4950, 9.8810



81.7220, 21.2740, -0.0860

Complementary

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



75.0460, -23.9770, -11.5050



58.9540, 23.9770, 11.5050

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.



82.3080, 22.7400, 6.3880



75.0460, -23.9770, -11.5050



83.4670, 9.3510, 12.2550

Square

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



75.0460, -23.9770, -11.5050



79.9950, -18.7990, 4.7930



83.2030, 18.8420, 10.9540



80.6130, 14.0310, -6.4890

Rectangle

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



75.0460, -23.9770, -11.5050



75.3690, -31.9560, -4.5640



83.2030, 18.8420, 10.9540



82.2600, 22.6950, 1.6950

Sweetspot

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



75.0460, -23.9770, -11.5050



109.5750, -9.1690, -4.5370



72.9210, -7.9280, -21.5280



55.4830, -5.9140, -2.9540



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



75.0460, -23.9770, -11.5050



93.4140, -36.9970, -17.8370



67.0390, -22.0990, -1.4830



41.8040, -2.3840, -0.8480



73.0690, -58.3150, -27.9710



160.4030, -127.8620, -61.6380

Inverse Universe

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



58.9540, 23.9770, 11.5050



68.5860, 36.9970, 17.8370



66.9610, 22.0990, 1.4830



40.3100, 2.0630, 1.1590



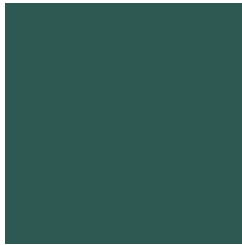
33.9310, 58.3150, 27.9710



74.5970, 127.8620, 61.6380

Previews

White Background



This preview shows how the YIQ color 75.0460, -23.9770, -11.5050 looks on a white background.

Color Contrast Check

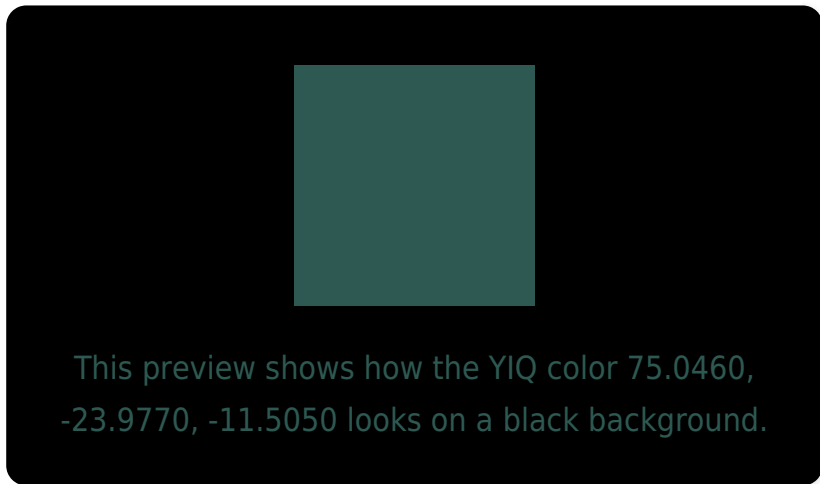
Large Text (above 18pt) WCAG AA ✓ Pass

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

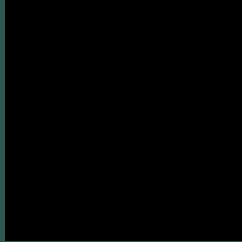
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.0460, -23.9770, -11.5050

Background



This preview shows how black text looks on a background with the YIQ color 75.0460, -23.9770, -11.5050.



This preview shows how white text looks on a background with the YIQ color 75.0460, -23.9770,

-11.5050.

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

75.0460, -23.9770, -11.5050

Protanopia

81.1420, 2.4760, -0.8200

Deuteranopia

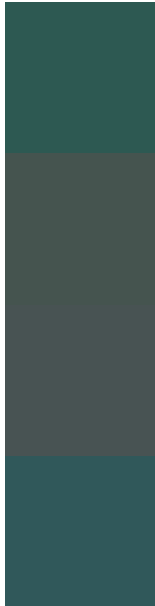
82.2610, 3.7590, 3.4630



Tritanopia

76.4360, -24.8950, -5.8790

Trichromacy



Original Color

75.0460, -23.9770, -11.5050

Protanomaly

78.9450, -7.3350, -4.7350

Deuteranomaly

79.7110, -6.5560, -2.3320

Tritanomaly

76.2680, -24.4820, -7.8580

Monochromacy



Original Color

75.0460, -23.9770, -11.5050

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9880, -8.8940, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.0460, -23.9770, -11.5050 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(45, 89, 82)` looks like.

```
.text, #text, p{  
    color:rgb(45, 89, 82)  
}
```

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(45, 89, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 89, 82) }
```

Border

The CSS property to change the border of an element to YIQ 75.0460, -23.9770, -11.5050 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(45, 89, 82) }
```


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

```
.border{ border-color:rgb(45, 89, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 89, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 89, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 89, 82);  
box-shadow:4px 4px 4px 4px rgb(45, 89, 82)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.0460, -23.9770, -11.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 89, 82) }
```

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

```
.background{ background-color: rgb(45, 89,  
82) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor