

Converting Colors

YIQ(74.7680, -11.8710,
-21.6550)

Have a look what the booklet for
YIQ(74.7680, -11.8710, -21.6550)
contains.

YIQ(74.7680, -11.8710, -21.6550)	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(74.7680, -11.8710,
-21.6550)**

Conversions

Conversions Part 1

Format	Color
Hex	325C33
RGB	50, 92, 51
RGB Percent	20%, 36%, 20%
CMY	0.8040, 0.6391, 0.8000
CMYK	0.46, 0.00, 0.45, 0.64
HSL	121°, 30%, 28%
HSV	121°, 46%, 36%
XYZ	5.7399, 8.5736, 4.4839
YIQ	74.7680, -11.8710, -21.6550

Conversions

Conversions Part 2

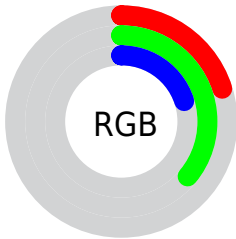
Format	Color
RYB	50, 91, 92
Decimal	3300403
CIELab	35.15, -24.31, 19.12
CIElCh	35, 30.929, 141.805
Yxy	8.5736, 0.3054, 0.4561
Android (android.graphics.Color)	4281490483 (0xFF325C33)
YUV	74.7680, -11.7176, -21.7215
Hunter-Lab	29.2807, -16.2497, 11.4172

Details

The YIQ color **74.7680, -11.8710, -21.6550** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.2320, 11.8710, 21.6550**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.7140, -11.7790, -23.3230**, and **27.6970, -13.1090, -21.2450** is the 20% darker color. If you saturate the color by 10%, you get **71.0510, -14.3460, -26.3620**, and if you desaturate by 10%, it is **78.4850, -9.3960, -16.9480**.

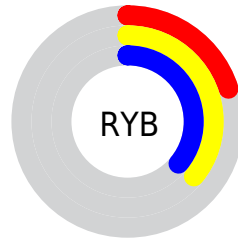
Distribution



Red (20%)

Green (36%)

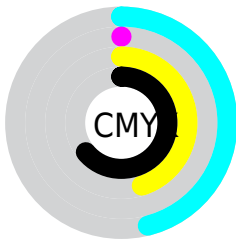
Blue (20%)



Red (20%)

Yellow (36%)

Blue (36%)

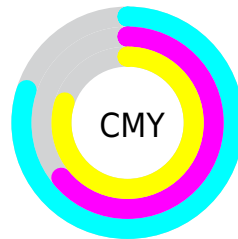


Cyan (46%)

Magenta (0%)

Yellow (45%)

Black (64%)



Cyan (80%)

Magenta (64%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.7680, -11.8710, -21.6550 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 74.7680, -11.8710, -21.6550 by changing the saturation by 10% instead.

■ 74.7680, -11.8710,
-21.6550

■ 74.7680, -11.8710,
-21.6550

■ 255.0000, -0.0000,
-0.0000

■ 50.9960, -12.5130,
-21.0330

■ 124.7140,
-11.7790, -23.3230

■ 27.6970, -13.1090,
-21.2450

■ 150.6000,
-11.4580, -23.6340

■ 15.8490, -7.4250,
-14.1210

■ 177.7740,
-12.0080, -24.6800

■ 0.0000, 0.0000,
0.0000

■ 205.3610,
-12.2830, -25.2030

■ 233.2470,
-11.9620, -25.5140

■ 245.9850, -4.8120,

-11.9160

■ 74.7680, -11.8710,
-21.6550

■ 74.7680, -11.8710,
-21.6550

■ 71.0510, -14.3460,
-26.3620

■ 78.4850, -9.3960,
-16.9480

■ 67.3340, -16.8210,
-31.0690

■ 82.2020, -6.9210,
-12.2410

■ 63.3180, -19.8920,
-35.9880

■ 86.2180, -3.8500,
-7.3220

■ 59.6010, -22.3670,
-40.6950

■ 89.9350, -1.3750,
-2.6150

■ 55.8840, -24.8420,
-45.4020

■ 93.6520, 1.1000,
2.0920

■ 54.2320, -25.9420,
-47.4940

■ 97.3690, 3.5750,
6.7990

■ 101.0860, 6.0500,
11.5060

■ 105.1020, 9.1210,
16.4250

■ 108.8190, 11.5960,
21.1320

Harmonies

Analogous

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



78.6800, 11.9240, -17.8680



74.7680, -11.8710, -21.6550



64.3150, -50.2000, -26.3600

Triad

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



74.7680, -11.8710, -21.6550



68.9930, -60.0160, -2.6400



83.0760, 38.3730, 14.9250

Complementary

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



74.7680, -11.8710, -21.6550



67.2320, 11.8710, 21.6550

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.



84.1430, 28.2390, 22.3750



74.7680, -11.8710, -21.6550



82.7920, -19.3050, 13.9670

Square

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



74.7680, -11.8710, -21.6550



68.3850, -64.4160, -11.0080



85.3780, 8.5240, 21.7400



82.1000, 37.8250, 2.8250

Rectangle

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



74.7680, -11.8710, -21.6550



66.2530, -55.6570, -21.0730



85.3780, 8.5240, 21.7400



83.4010, 36.0800, 17.9360

Sweetspot

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



74.7680, -11.8710, -21.6550



112.9790, -4.6750, -8.8910



86.9130, 12.8860, -13.2740



56.8700, -2.7500, -5.2300



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.



74.7680, -11.8710, -21.6550



92.9700, -18.7920, -33.8960



77.1620, -18.6120, -15.1240



43.9350, -1.3750, -2.6150



64.9120, -31.2130, -56.5970



139.8030, -67.1010, -122.0850

Inverse Universe

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



67.2320, 11.8710, 21.6550



81.0300, 18.7920, 33.8960



64.8380, 18.6120, 15.1240



43.0650, 1.3750, 2.6150



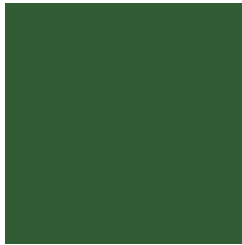
45.0880, 31.2130, 56.5970



97.1970, 67.1010, 122.0850

Previews

White Background



This preview shows how the YIQ color 74.7680, -11.8710, -21.6550 looks on a white background.

Color Contrast Check

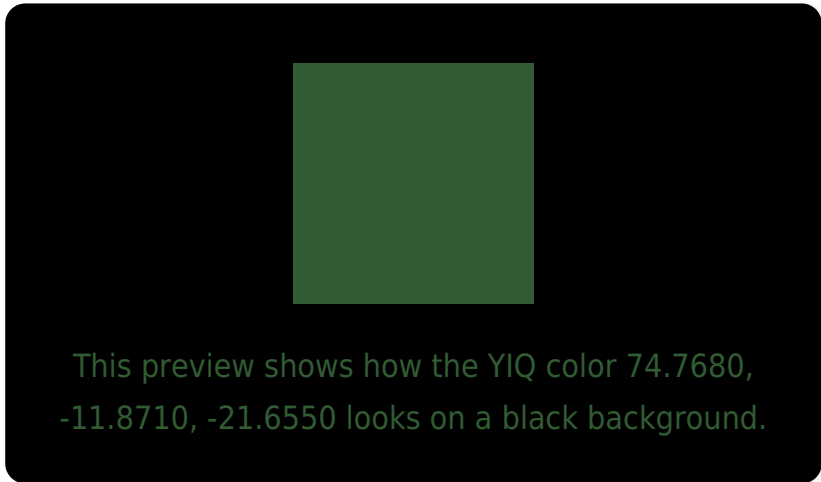
Large Text (above 18pt) WCAG AA ✓ Pass

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

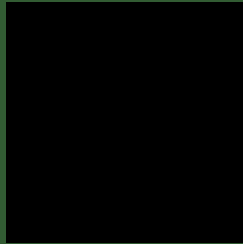
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.7680, -11.8710, -21.6550

Background



This preview shows how black text looks on a background with the YIQ color 74.7680, -11.8710, -21.6550.



This preview shows how white text looks on a background with the YIQ color 74.7680, -11.8710,

-21.6550.

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

74.7680, -11.8710, -21.6550

Protanopia

80.4020, 16.0030, -9.1890

Deuteranopia

82.1300, 19.9450, -3.5350



Tritanopia

79.4260, -18.9350, -3.7590

Trichromacy



Original Color

74.7680, -11.8710, -21.6550

Protanomaly

78.3790, 5.6420, -14.1500

Deuteranomaly

79.5690, 8.1630, -10.2770

Tritanomaly

77.8790, -16.1370, -10.4170

Monochromacy



Original Color

74.7680, -11.8710, -21.6550

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8050, -4.1250, -7.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.7680, -11.8710, -21.6550 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(50, 92, 51)` looks like.

```
.text, #text, p{  
    color:rgb(50, 92, 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(50, 92, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 92, 51) }
```

Border

The CSS property to change the border of an element to YIQ 74.7680, -11.8710, -21.6550 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(50, 92, 51) }
```


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

```
.border{ border-color:rgb(50, 92, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 92, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 92, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 92, 51);  
box-shadow:4px 4px 4px 4px rgb(50, 92, 51)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.7680, -11.8710, -21.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 92, 51) }
```

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

```
.background{ background-color: rgb(50, 92,  
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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