

Converting Colors

YIQ(76.4210, -11.3710, 2.3330)

Have a look what the booklet for
YIQ(76.4210, -11.3710, 2.3330)
contains.

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Color

**YIQ(76.4210, -11.3710,
2.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	434E5D
RGB	67, 78, 93
RGB Percent	26%, 31%, 36%
CMY	0.7373, 0.6941, 0.6353
CMYK	0.28, 0.16, 0.00, 0.64
HSL	215°, 16%, 31%
HSV	215°, 28%, 36%
XYZ	7.0143, 7.4326, 11.4175
YIQ	76.4210, -11.3710, 2.3330

Conversions

Conversions Part 2

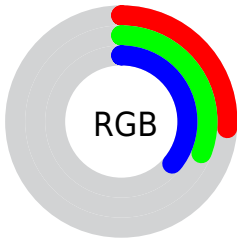
Format	Color
RYB	67, 75, 93
Decimal	4410973
CIELab	32.77, -0.50, -10.22
CIELCh	33, 10.234, 267.205
Yxy	7.4326, 0.2712, 0.2874
Android (android.graphics.Color)	4282601053 (0xFF434E5D)
YUV	76.4210, 8.1734, -8.2622
Hunter-Lab	27.2629, -1.7848, -5.7463

Details

The YIQ color **76.4210, -11.3710, 2.3330** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83.5790, 11.3710, -2.3330**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.5350, -11.6920, 2.6440**, and **32.1930, -10.7290, 1.7110** is the 20% darker color. If you saturate the color by 10%, you get **70.7950, -15.3600, 3.0400**, and if you desaturate by 10%, it is **82.0470, -7.3820, 1.6260**.

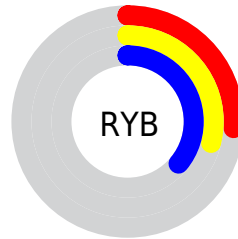
Distribution



Red (26%)

Green (31%)

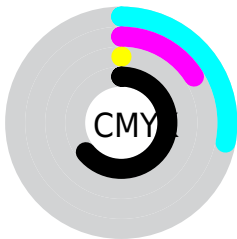
Blue (36%)



Red (26%)

Yellow (29%)

Blue (36%)

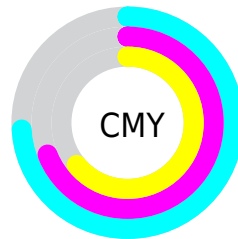


Cyan (28%)

Magenta (16%)

Yellow (0%)

Black (64%)



Cyan (74%)

Magenta (69%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.4210, -11.3710, 2.3330 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 76.4210, -11.3710, 2.3330 by changing the saturation by 10% instead.

■ 76.4210, -11.3710,
2.3330

■ 76.4210, -11.3710,
2.3330

■ 255.0000, -0.0000,
-0.0000

■ 53.3070, -11.0500,
2.0220

■ 125.5350,
-11.6920, 2.6440

■ 32.1930, -10.7290,
1.7110

■ 151.3500,
-12.6090, 2.7430

■ 9.4210, -11.3710,
2.3330

■ 178.3500,
-12.6090, 2.7430

■ 0.0000, 0.0000,
0.0000

■ 205.4640,
-12.9300, 3.0540

■ 233.5780,
-13.2510, 3.3650

■ 254.1030, -1.7880,

-0.6360

■ 76.4210, -11.3710,
2.3330

■ 76.4210, -11.3710,
2.3330

■ 70.7950, -15.3600,
3.0400

■ 82.0470, -7.3820,
1.6260

■ 64.2830, -19.6700,
4.0580

■ 88.5590, -3.0720,
0.6080

■ 58.6570, -23.6590,
4.7650

■ 94.1850, 0.9170,
-0.0990

■ 53.0310, -27.6480,
5.4720

■ 99.8110, 4.9060,
-0.8060

■ 46.8180, -31.3620,
6.7020

■ 106.0240, 8.6200,
-2.0360

■ 40.8930, -35.9470,
7.1970

■ 111.9490, 13.2050,
-2.5310

■ 34.6800, -39.6610,
8.4270

■ 118.1620, 16.9190,
-3.7610

■ 33.4950, -40.5780,
8.5260

■ 123.7880, 20.9080,
-4.4680

■ 129.7130, 25.4930,
-4.9630

Harmonies

Analogous

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



74.5620, -16.3220, -1.5540



76.4210, -11.3710, 2.3330



77.7210, -3.3480, 5.6120

Triad

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



76.4210, -11.3710, 2.3330



78.3500, 13.7540, 4.0420



75.0330, -4.7670, -7.2230

Complementary

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



76.4210, -11.3710, 2.3330



83.5790, 11.3710, -2.3330

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.



75.9800, 2.7520, -5.8240



76.4210, -11.3710, 2.3330



77.9430, 13.3420, 0.4940

Square

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



76.4210, -11.3710, 2.3330



78.9630, 10.5900, 6.3180



76.6820, 9.5830, -2.9690



74.4390, -11.7820, -6.7420

Rectangle

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



76.4210, -11.3710, 2.3330



78.5860, 1.4660, 6.4740



76.6820, 9.5830, -2.9690



75.1150, -2.0620, -6.6860

Sweetspot

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



76.4210, -11.3710, 2.3330



113.4880, -4.3100, 1.0180



83.9720, -11.9650, -8.9330



57.4450, -2.7510, 0.2970



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.



76.4210, -11.3710, 2.3330



93.6530, -17.8360, 3.8600



70.5620, -7.1540, 8.5100



42.7440, -2.1550, 0.5090



39.5420, -47.9600, 10.1520



85.7180, -103.5770, 21.4070

Inverse Universe

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



76.0280, 11.9650, 8.9330



93.1970, 18.9790, 13.9790



89.4380, 7.1540, -8.5100



42.7230, 2.3380, 1.6820



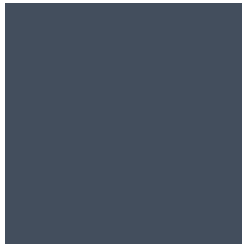
38.1340, 50.7940, 37.6260



82.2630, 109.1520, 81.3440

Previews

White Background



This preview shows how the YIQ color 76.4210, -11.3710, 2.3330 looks on a white background.

Color Contrast Check

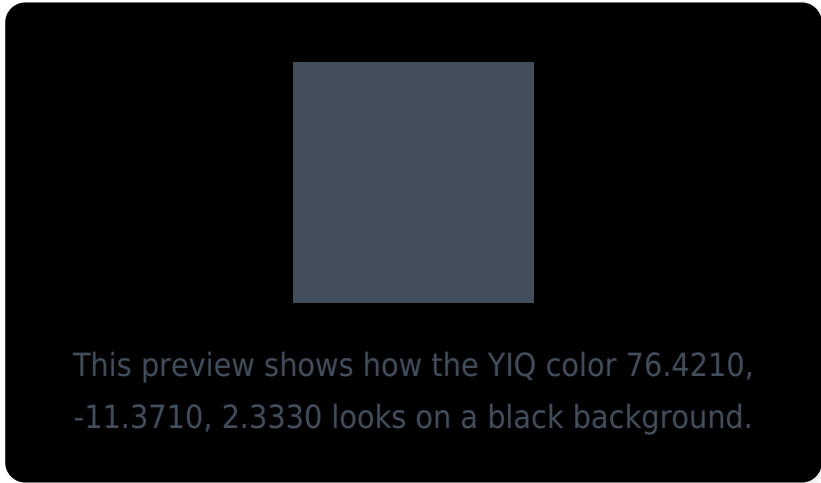
Large Text (above 18pt) WCAG AA ✓ Pass

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

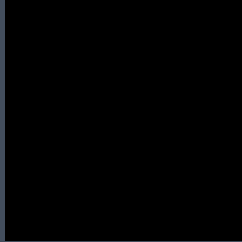
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

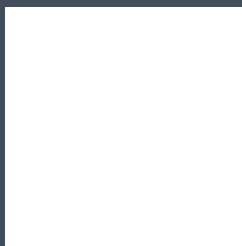
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 76.4210, -11.3710, 2.3330

Background



This preview shows how black text looks on a background with the YIQ color 76.4210, -11.3710, 2.3330.

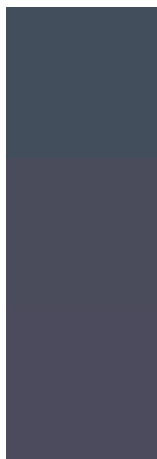


This preview shows how white text looks on a background with the YIQ color 76.4210, -11.3710,

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

76.4210, -11.3710, 2.3330

Protanopia

77.2260, -6.3280, 4.5520

Deuteranopia

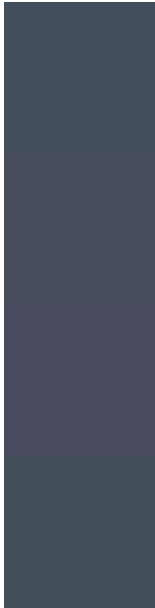
77.4650, -5.5030, 6.1210



Tritanopia

75.6120, -10.5910, -0.7910

Trichromacy



Original Color

76.4210, -11.3710, 2.3330

Protanomaly

76.9160, -8.3910, 3.3930

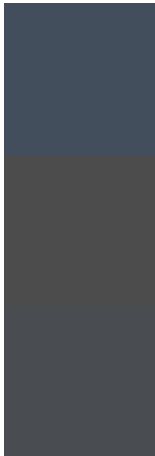
Deuteranomaly

77.1550, -7.5660, 4.9620

Tritanomaly

76.2530, -10.9580, 0.3540

Monochromacy



Original Color

76.4210, -11.3710, 2.3330

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.3740, -3.9890, 0.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.4210, -11.3710, 2.3330 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(67, 78, 93)` looks like.

```
.text, #text, p{  
    color:rgb(67, 78, 93)  
}
```

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(67, 78, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 78, 93) }
```

Border

The CSS property to change the border of an element to YIQ 76.4210, -11.3710, 2.3330 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(67, 78, 93) }
```


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

```
.border{ border-color:rgb(67, 78, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 78, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 78, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 78, 93);  
box-shadow:4px 4px 4px 4px rgb(67, 78, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.4210, -11.3710, 2.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 78, 93) }
```

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

```
.background{ background-color: rgb(67, 78,  
93) }
```

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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