

Converting Colors

YIQ(73.8340, -11.0960, 2.8560)

Have a look what the booklet for
YIQ(73.8340, -11.0960, 2.8560)
contains.

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Color

**YIQ(73.8340, -11.0960,
2.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	414B5B
RGB	65, 75, 91
RGB Percent	25%, 29%, 36%
CMY	0.7451, 0.7059, 0.6432
CMYK	0.29, 0.18, 0.00, 0.64
HSL	217°, 17%, 31%
HSV	217°, 29%, 36%
XYZ	6.5838, 6.9115, 10.8813
YIQ	73.8340, -11.0960, 2.8560

Conversions

Conversions Part 2

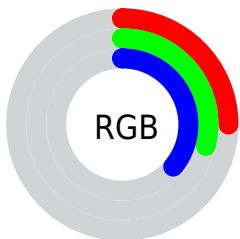
Format	Color
RYB	65, 72, 91
Decimal	4279131
CIELab	31.60, 0.15, -10.74
CIElCh	32, 10.736, 270.812
Yxy	6.9115, 0.2701, 0.2835
Android (android.graphics.Color)	4282469211 (0xFF414B5B)
YUV	73.8340, 8.4628, -7.7474
Hunter-Lab	26.2898, -1.3048, -6.1373

Details

The YIQ color **73.8340, -11.0960, 2.8560** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **82.1660, 11.0960, -2.8560**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.6490, -12.0130, 2.9550**, and **29.6060, -10.4540, 2.2340** is the 20% darker color. If you saturate the color by 10%, you get **67.6210, -14.8100, 4.0860**, and if you desaturate by 10%, it is **80.0470, -7.3820, 1.6260**.

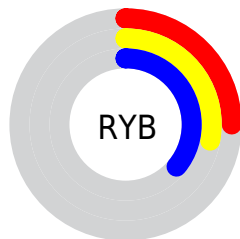
Distribution



 Red (25%)

 Green (29%)

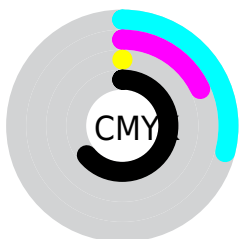
 Blue (36%)




 Red (25%)

 Yellow (28%)

 Blue (36%)

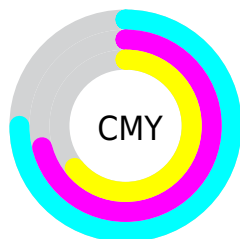


 Cyan (29%)


 Magenta (18%)

 Yellow (0%)

 Black (64%)



 Cyan (75%)

 Magenta (71%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.8340, -11.0960, 2.8560 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 73.8340, -11.0960, 2.8560 by changing the saturation by 10% instead.

■ 73.8340, -11.0960,
2.8560

■ 73.8340, -11.0960,
2.8560

■ 255.0000, -0.0000,
-0.0000

■ 50.7200, -10.7750,
2.5450

■ 122.6490,
-12.0130, 2.9550

■ 29.6060, -10.4540,
2.2340

■ 148.1760,
-12.0590, 3.7890

■ 6.9590, -9.9500,
4.1140

■ 175.1760,
-12.0590, 3.7890

■ 0.0000, 0.0000,
0.0000

■ 202.8770,
-12.6550, 3.5770

■ 230.8770,
-12.6550, 3.5770

■ 253.2060, -3.5760,

-1.2720

■ 73.8340, -11.0960,
2.8560

■ 73.8340, -11.0960,
2.8560

■ 67.6210, -14.8100,
4.0860

■ 80.0470, -7.3820,
1.6260

■ 61.9950, -18.7990,
4.7930

■ 85.6730, -3.3930,
0.9190

■ 55.7820, -22.5130,
6.0230

■ 91.8860, 0.3210,
-0.3110

■ 50.1560, -26.5020,
6.7300

■ 97.5120, 4.3100,
-1.0180

■ 43.9430, -30.2160,
7.9600

■ 103.7250, 8.0240,
-2.2480

■ 37.4310, -34.5260,
8.9780

■ 110.2370, 12.3340,
-3.2660

■ 31.8050, -38.5150,
9.6850

■ 115.8630, 16.3230,
-3.9730

■ 30.9190, -38.8360,
9.9960

■ 122.0760, 20.0370,
-5.2030

■ 127.7020, 24.0260,
-5.9100

Harmonies

Analogous

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



71.7900, -16.9640, -0.9320



73.8340, -11.0960, 2.8560



75.1340, -3.0730, 6.1350

Triad

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



73.8340, -11.0960, 2.8560



75.5350, 14.6710, 3.9430



71.8480, -5.6840, -7.1240

Complementary

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



73.8340, -11.0960, 2.8560



82.1660, 11.0960, -2.8560

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.



72.6810, 2.1560, -6.0360



73.8340, -11.0960, 2.8560



74.8290, 13.6630, 0.1830

Square

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



73.8340, -11.0960, 2.8560



75.5610, 11.7820, 6.7420



74.2690, 9.3080, -3.4920



70.9550, -13.2950, -6.8550

Rectangle

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



73.8340, -11.0960, 2.8560



75.5970, 2.9330, 7.4210



74.2690, 9.3080, -3.4920



72.5170, -3.2540, -7.1100

Sweetspot

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



73.8340, -11.0960, 2.8560



110.4880, -4.3100, 1.0180



82.0860, -12.2860, -8.6220



54.5590, -3.0720, 0.6080



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.



73.8340, -11.0960, 2.8560



90.9520, -17.2400, 4.0720



68.8610, -6.5580, 8.7220



42.7440, -2.1550, 0.5090



37.1940, -46.8600, 12.2440



80.4350, -101.1020, 26.1140

Inverse Universe

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



73.9140, 12.2860, 8.6220



90.7840, 18.7040, 13.4560



87.1390, 6.5580, -8.7220



42.7230, 2.3380, 1.6820



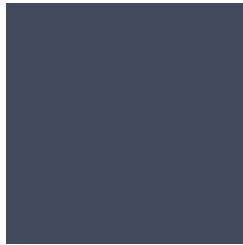
37.6780, 52.0780, 36.3820



81.2370, 112.0410, 78.5450

Previews

White Background



This preview shows how the YIQ color 73.8340, -11.0960, 2.8560 looks on a white background.

Color Contrast Check

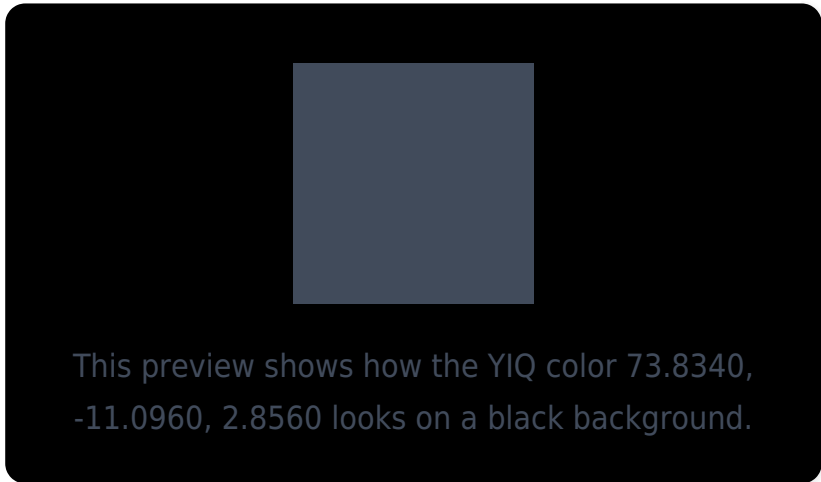
Large Text (above 18pt) WCAG AA ✓ Pass

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

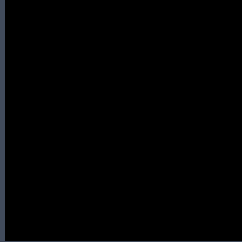
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

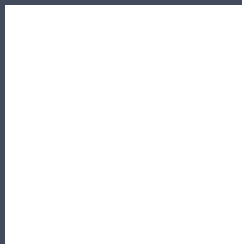
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 73.8340, -11.0960, 2.8560

Background



This preview shows how black text looks on a background with the YIQ color 73.8340, -11.0960, 2.8560.

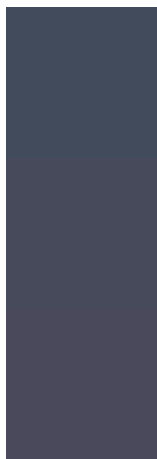


This preview shows how white text looks on a background with the YIQ color 73.8340, -11.0960,

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

73.8340, -11.0960, 2.8560

Protanopia

74.9270, -6.9240, 4.3400

Deuteranopia

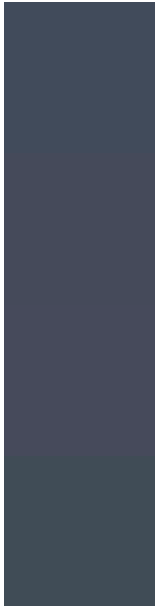
75.0520, -5.7780, 5.5980



Tritanopia

72.9110, -9.9950, -0.5790

Trichromacy



Original Color

73.8340, -11.0960, 2.8560

Protanomaly

74.3290, -8.1160, 3.9160

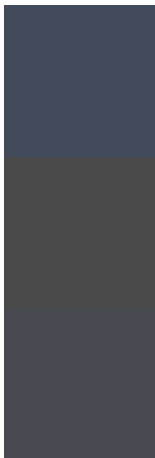
Deuteranomaly

74.7420, -7.8410, 4.4390

Tritanomaly

73.5520, -10.3620, 0.5660

Monochromacy



Original Color

73.8340, -11.0960, 2.8560

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.7870, -3.7140, 1.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.8340, -11.0960, 2.8560 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(65, 75, 91)` looks like.

```
.text, #text, p{  
    color:rgb(65, 75, 91)  
}
```

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(65, 75, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 75, 91) }
```

Border

The CSS property to change the border of an element to YIQ 73.8340, -11.0960, 2.8560 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(65, 75, 91) }
```


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

```
.border{ border-color:rgb(65, 75, 91) }
```

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

Here you see how a box with a 4 pixel rgb(65, 75, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 75, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 75, 91);  
box-shadow:4px 4px 4px 4px rgb(65, 75, 91)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.8340, -11.0960, 2.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 75, 91) }
```

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

```
.background{ background-color: rgb(65, 75,  
91) }
```

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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