

Converting Colors

YIQ(75.1390, -10.6370, 0.0430)

Have a look what the booklet for
YIQ(75.1390, -10.6370, 0.0430)
contains.

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Color

**YIQ(75.1390, -10.6370,
0.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	414E57
RGB	65, 78, 87
RGB Percent	25%, 31%, 34%
CMY	0.7451, 0.6941, 0.6589
CMYK	0.25, 0.10, 0.00, 0.66
HSL	205°, 14%, 30%
HSV	205°, 25%, 34%
XYZ	6.6241, 7.2611, 10.0665
YIQ	75.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

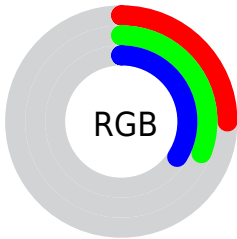
Format	Color
RYB	65, 73, 87
Decimal	4279895
CIELab	32.39, -2.83, -7.00
CIELCh	32, 7.549, 247.963
Yxy	7.2611, 0.2766, 0.3032
Android (android.graphics.Color)	4282469975 (0xFF414E57)
YUV	75.1390, 5.8475, -8.8919
Hunter-Lab	26.9464, -3.2763, -3.2869

Details

The YIQ color **75.1390, -10.6370, 0.0430** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76.8610, 10.6370, -0.0430**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.9540, -11.5540, 0.1420**, and **31.0250, -10.3160, -0.2680** is the 20% darker color. If you saturate the color by 10%, you get **70.1000, -14.9010, 0.2270**, and if you desaturate by 10%, it is **80.1780, -6.3730, -0.1410**.

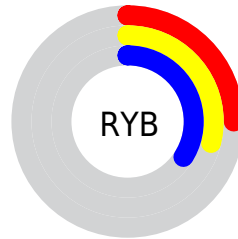
Distribution



 Red (25%)

 Green (31%)

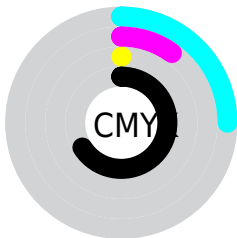
 Blue (34%)



 Red (25%)

 Yellow (29%)

 Blue (34%)

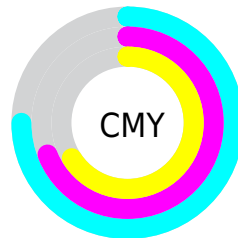


 Cyan (25%)

 Magenta (10%)

 Yellow (0%)

 Black (66%)



 Cyan (75%)

 Magenta (69%)

 Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.1390, -10.6370, 0.0430 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 75.1390, -10.6370, 0.0430 by changing the saturation by 10% instead.

■ 75.1390, -10.6370,
0.0430

■ 75.1390, -10.6370,
0.0430

■ 255.0000, -0.0000,
-0.0000

■ 52.4380, -10.0410,
0.2550

■ 123.9540,
-11.5540, 0.1420

■ 31.0250, -10.3160,
-0.2680

■ 149.9540,
-11.5540, 0.1420

■ 9.5520, -10.3620,
0.5660

■ 176.6550,
-12.1500, -0.0700

■ 0.0000, 0.0000,
0.0000

■ 203.7690,
-12.4710, 0.2410

■ 231.7690,
-12.4710, 0.2410

■ 253.2060, -3.5760,

-1.2720

■ 75.1390, -10.6370,
0.0430

■ 75.1390, -10.6370,
0.0430

■ 70.1000, -14.9010,
0.2270

■ 80.1780, -6.3730,
-0.1410

■ 65.9470, -18.8440,
0.1000

■ 84.3310, -2.4300,
-0.0140

■ 60.9080, -23.1080,
0.2840

■ 89.3700, 1.8340,
-0.1980

■ 56.4560, -27.6470,
-0.0550

■ 93.8220, 6.3730,
0.1410

■ 51.7160, -31.3150,
0.3410

■ 98.5620, 10.0410,
-0.2550

■ 47.2640, -35.8540,
0.0020

■ 103.0140, 14.5800,
0.0840

■ 42.2250, -40.1180,
0.1860

■ 108.0530, 18.8440,
-0.1000

■ 39.8550, -41.9520,
0.3840

■ 112.5050, 23.3830,
0.2390

■ 117.2450, 27.0510,
-0.1570

Harmonies

Analogous

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



74.0740, -12.0120, -2.5720



75.1390, -10.6370, 0.0430



76.1720, -6.2360, 2.8840

Triad

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



75.1390, -10.6370, 0.0430



77.4250, 9.1690, 4.5370



75.2510, 0.5510, -4.4810

Complementary

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



75.1390, -10.6370, 0.0430



76.8610, 10.6370, -0.0430

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.



75.5290, 5.6400, -3.0960



75.1390, -10.6370, 0.0430



77.0290, 10.2240, 1.9360

Square

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



75.1390, -10.6370, 0.0430



77.5000, 4.5840, 5.0320



76.2630, 9.4450, -0.4670



74.3150, -5.5010, -4.9330

Rectangle

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



75.1390, -10.6370, 0.0430



76.9660, -2.6600, 4.1560



76.2630, 9.4450, -0.4670



75.7350, 2.0640, -4.3680

Sweetspot

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



75.1390, -10.6370, 0.0430



107.5480, -4.5390, -0.3390



78.9400, -8.9390, -8.7070



53.0320, -3.0260, -0.2260



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



75.1390, -10.6370, 0.0430



93.9150, -15.8180, 0.3260



68.6820, -7.6120, 5.7960



41.2170, -2.1090, -0.3250



49.1790, -51.6720, 0.3280



108.3830, -113.6600, 0.3880

Inverse Universe

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



73.0600, 8.9390, 8.7070



91.0330, 13.5690, 12.9050



83.3180, 7.6120, -5.7960



40.5380, 1.4210, 1.7810



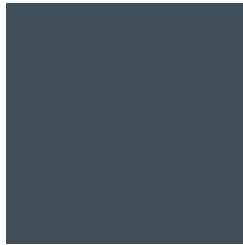
39.1750, 43.5490, 42.2770



86.1110, 95.4410, 93.0490

Previews

White Background



This preview shows how the YIQ color 75.1390, -10.6370, 0.0430 looks on a white background.

Color Contrast Check

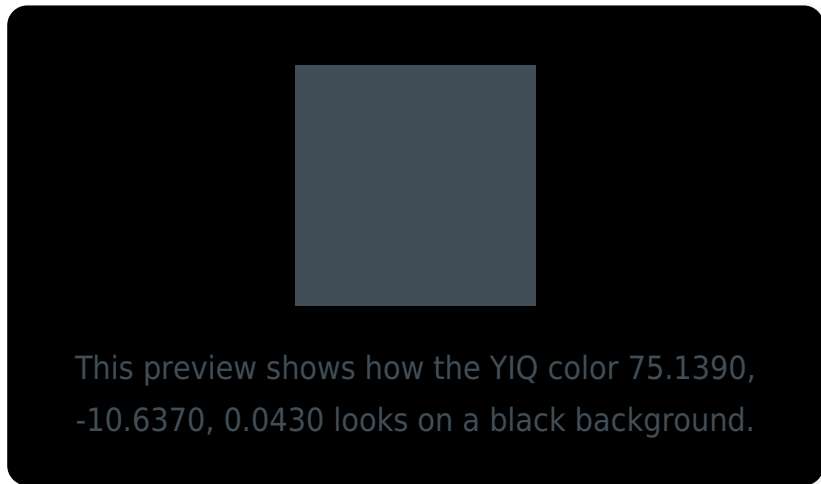
Large Text (above 18pt) WCAG AA ✓ Pass

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

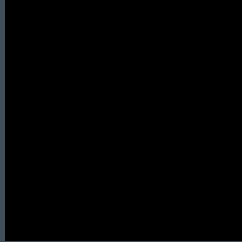
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 75.1390, -10.6370, 0.0430

Background



This preview shows how black text looks on a background with the YIQ color 75.1390, -10.6370, 0.0430.



This preview shows how white text looks on a background with the YIQ color 75.1390, -10.6370,

0.0430.

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

75.1390, -10.6370, 0.0430

Protanopia

76.1400, -3.2100, 3.1100

Deuteranopia

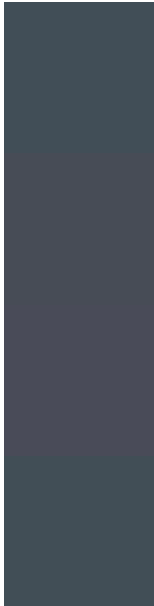
76.7920, -2.1100, 5.2020



Tritanopia

74.9110, -9.9950, -0.5790

Trichromacy



Original Color

75.1390, -10.6370, 0.0430

Protanomaly

75.6450, -6.1900, 2.0500

Deuteranomaly

75.8840, -5.3650, 3.6190

Tritanomaly

75.0250, -10.3160, -0.2680

Monochromacy



Original Color

75.1390, -10.6370, 0.0430

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8470, -3.9430, -0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.1390, -10.6370, 0.0430 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, 78, 87)` looks like.

```
.text, #text, p{  
    color:rgb(65, 78, 87)  
}
```

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, 78, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 78, 87) }
```

Border

The CSS property to change the border of an element to YIQ 75.1390, -10.6370, 0.0430 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, 78, 87) }
```


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

```
.border{ border-color:rgb(65, 78, 87) }
```

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

Here you see how a box with a 4 pixel rgb(65, 78, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 78, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 78, 87);  
box-shadow:4px 4px 4px 4px rgb(65, 78, 87)  
}
```

Background

The CSS property to change the background color of an element to YIQ 75.1390, -10.6370, 0.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 78, 87) }
```

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

```
.background{ background-color: rgb(65, 78,  
87) }
```

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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