

Converting Colors

YIQ(82.0560, -11.6010, 6.5030)

Have a look what the booklet for
YIQ(82.0560, -11.6010, 6.5030)
contains.

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Color

**YIQ(82.0560, -11.6010,
6.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	4B516A
RGB	75, 81, 106
RGB Percent	29%, 32%, 42%
CMY	0.7059, 0.6823, 0.5844
CMYK	0.29, 0.24, 0.00, 0.58
HSL	228°, 17%, 35%
HSV	228°, 29%, 42%
XYZ	8.4449, 8.4214, 14.8115
YIQ	82.0560, -11.6010, 6.5030

Conversions

Conversions Part 2

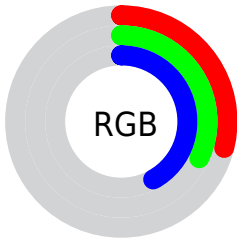
Format	Color
R_{YB}	75, 80, 106
Decimal	4936042
CIE _{Lab}	34.85, 3.95, -15.19
CIE _{LCh}	35, 15.700, 284.574
Yxy	8.4214, 0.2666, 0.2658
Android (android.graphics.Color)	4283126122 (0xFF4B516A)
YUV	82.0560, 11.8044, -6.1881
Hunter-Lab	29.0196, 1.1607, -9.9477

Details

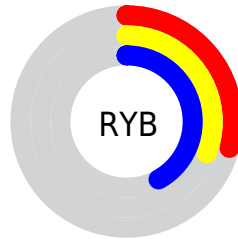
The YIQ color **82.0560, -11.6010, 6.5030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.9440, 11.6010, -6.5030**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.2840, -12.2430, 7.1250**, and **37.1160, -11.8300, 5.1460** is the 20% darker color. If you saturate the color by 10%, you get **73.4840, -15.6820, 8.8780**, and if you desaturate by 10%, it is **90.6280, -7.5200, 4.1280**.

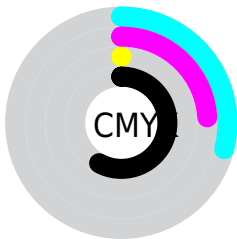
Distribution



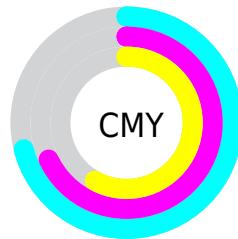
- Red (29%)
- Green (32%)
- Blue (42%)



- Red (29%)
- Yellow (31%)
- Blue (42%)



- Cyan (29%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)



- Cyan (71%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.0560, -11.6010, 6.5030 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 82.0560, -11.6010, 6.5030 by changing the saturation by 10% instead.

■ 82.0560, -11.6010,
6.5030

■ 82.0560, -11.6010,
6.5030

■ 255.0000, -0.0000,
-0.0000

■ 58.9420, -11.2800,
6.1920

■ 131.2840,
-12.2430, 7.1250

■ 37.4150, -11.2340,
5.3580

■ 157.6970,
-11.9680, 7.6480

■ 15.4150, -11.2340,
5.3580

■ 184.5120,
-12.8850, 7.7470

■ 2.2970, -5.0900,
4.1420

■ 212.5120,
-12.8850, 7.7470

■ 0.0000, 0.0000,
0.0000

■ 239.0300, -8.7120,
3.7040

■ 82.0560, -11.6010,
6.5030

■ 82.0560, -11.6010,
6.5030

■ 73.4840, -15.6820,
8.8780

■ 90.6280, -7.5200,
4.1280

■ 65.7980, -19.4420,
10.9420

■ 98.3140, -3.7600,
2.0640

■ 57.2260, -23.5230,
13.3170

■ 106.8860, 0.3210,
-0.3110

■ 49.5400, -27.2830,
15.3810

■ 114.5720, 4.0810,
-2.3750

■ 40.9680, -31.3640,
17.7560

■ 123.1440, 8.1620,
-4.7500

■ 32.9830, -35.7200,
19.6080

■ 131.1290, 12.5180,
-6.6020

■ 24.7100, -39.2050,
22.1950

■ 139.4020, 16.0030,
-9.1890

■ 24.4110, -39.8010,

■ 147.3870, 20.3590,

21.9830

-11.0410

■ 155.6600, 23.8440,
-13.6280

Harmonies

Analogous

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



79.3210, -22.8330, 0.8070



82.0560, -11.6010, 6.5030



83.8080, 0.9610, 10.1210

Triad

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



82.0560, -11.6010, 6.5030



82.8300, 21.0900, 3.2500



77.2490, -14.3030, -10.6150

Complementary

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



82.0560, -11.6010, 6.5030



98.9440, 11.6010, -6.5030

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.



79.0070, -1.8780, -10.0220



82.0560, -11.6010, 6.5030



81.9880, 17.4690, -2.7150

Square

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



82.0560, -11.6010, 6.5030



83.5080, 19.3010, 8.1410



80.7480, 9.2170, -7.3510



76.0290, -25.3070, -9.4270

Rectangle

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



82.0560, -11.6010, 6.5030



83.9400, 9.3970, 11.4210



80.7480, 9.2170, -7.3510



77.9890, -10.6350, -11.0110

Sweetspot

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



82.0560, -11.6010, 6.5030



128.2430, -4.9980, 2.4740



96.0470, -16.5500, -8.4380



63.0860, -3.1180, 1.4420



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



82.0560, -11.6010, 6.5030



100.7550, -17.8830, 10.2210



81.2250, -4.5870, 11.5490



49.2710, -2.2010, 1.3430



26.8390, -43.8820, 24.3580



55.5190, -91.5700, 51.6140

Inverse Universe

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



84.9530, 16.5500, 8.4380



105.3780, 25.7190, 12.9750



99.7750, 4.5870, -11.5490



49.9080, 3.2550, 1.5830



37.6050, 62.3490, 31.9570



78.6130, 130.9330, 66.5570

Previews

White Background



This preview shows how the YIQ color 82.0560, -11.6010, 6.5030 looks on a white background.

Color Contrast Check

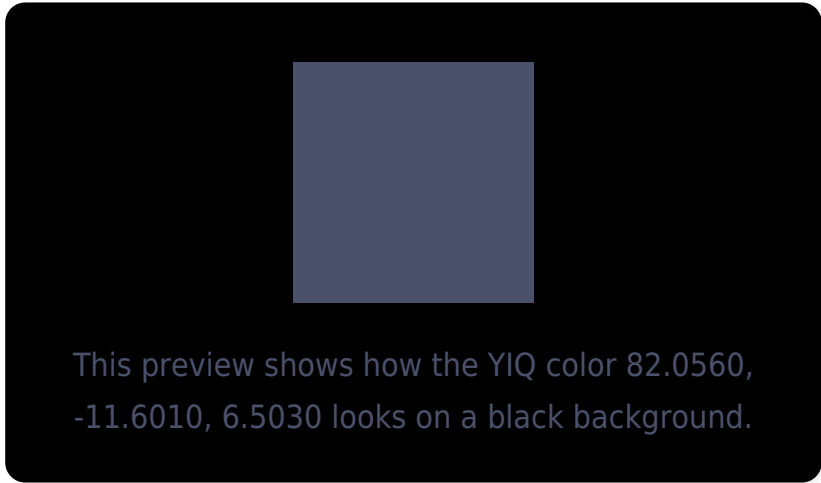
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.0560, -11.6010, 6.5030

Background



This preview shows how black text looks on a background with the YIQ color 82.0560, -11.6010, 6.5030.

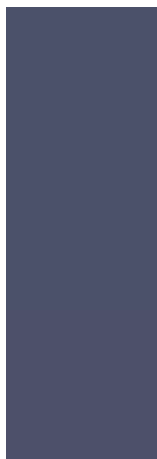


This preview shows how white text looks on a background with the YIQ color 82.0560, -11.6010,

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

82.0560, -11.6010, 6.5030

Protanopia

82.0560, -11.6010, 6.5030

Deuteranopia

82.0670, -10.1340, 7.4500



Tritanopia

81.2100, -9.3990, -0.3670

Trichromacy



Original Color

82.0560, -11.6010, 6.5030

Protanomaly

82.0560, -11.6010, 6.5030

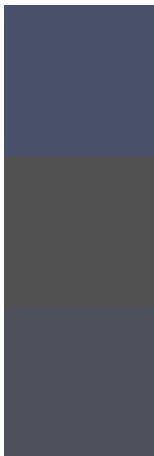
Deuteranomaly

81.7680, -10.7300, 7.2380

Tritanomaly

81.4920, -10.1330, 1.9230

Monochromacy



Original Color

82.0560, -11.6010, 6.5030

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.1290, -4.6770, 2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.0560, -11.6010, 6.5030 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(75, 81, 106)` looks like.

```
.text, #text, p{  
    color:rgb(75, 81, 106)  
}
```

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(75, 81, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 81, 106) }
```

Border

The CSS property to change the border of an element to YIQ 82.0560, -11.6010, 6.5030 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(75, 81, 106) }
```


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

```
.border{ border-color:rgb(75, 81, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 81, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 81, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 81, 106);  
box-shadow:4px 4px 4px 4px rgb(75, 81,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 82.0560, -11.6010, 6.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 81, 106) }
```

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

```
.background{ background-color: rgb(75, 81,  
106) }
```

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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