

Converting Colors

YIQ(69.6350, -26.5930, 2.8710)

Have a look what the booklet for
YIQ(69.6350, -26.5930, 2.8710)
contains.

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Color

**YIQ(69.6350, -26.5930,
2.8710)**

Conversions

Conversions Part 1

Format	Color
Hex	2E4B68
RGB	46, 75, 104
RGB Percent	18%, 29%, 41%
CMY	0.8196, 0.7058, 0.5923
CMYK	0.56, 0.28, 0.00, 0.59
HSL	210°, 39%, 29%
HSV	210°, 56%, 41%
XYZ	6.1401, 6.6132, 14.0409
YIQ	69.6350, -26.5930, 2.8710

Conversions

Conversions Part 2

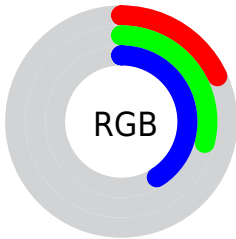
Format	Color
R_YB	46, 65, 104
Decimal	3033960
CIE _{Lab}	30.91, -1.57, -20.16
CIE _{LCh}	31, 20.226, 265.540
Yxy	6.6132, 0.2292, 0.2468
Android (android.graphics.Color)	4281224040 (0xFF2E4B68)
YUV	69.6350, 16.9419, -20.7279
Hunter-Lab	25.7161, -2.3838, -14.3708




Details

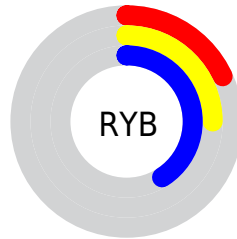
The YIQ color **69.6350, -26.5930, 2.8710** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **80.3650, 26.5930, -2.8710**, and the grayscale version is **69.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **119.1620, -26.6390, 3.7050**, and **24.6950, -26.8220, 1.5140** is the 20% darker color. If you saturate the color by 10%, you get **63.7100, -31.1780, 3.3660**, and if you desaturate by 10%, it is **75.5600, -22.0080, 2.3760**.

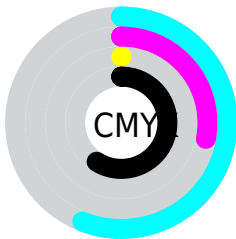
Distribution







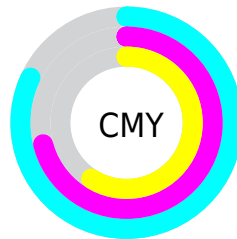
-  Red (18%)
-  Green (29%)
-  Blue (41%)






-  Red (18%)
-  Yellow (25%)
-  Blue (41%)



-  Cyan (56%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (82%)
-  Magenta (71%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.6350, -26.5930, 2.8710 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 69.6350, -26.5930, 2.8710 by changing the saturation by 10% instead.

■ 69.6350, -26.5930,
2.8710

■ 69.6350, -26.5930,
2.8710

■ 255.0000, -0.0000,
-0.0000

■ 45.6240, -28.0600,
1.9240

■ 119.1620,
-26.6390, 3.7050

■ 24.6950, -26.8220,
1.5140

■ 144.6890,
-26.6850, 4.5390

■ 8.0990, -13.1600,
7.2240

■ 171.8030,
-27.0060, 4.8500

■ 1.2540, -3.5310,
3.4210

■ 198.9170,
-27.3270, 5.1610

■ 0.0000, 0.0000,
0.0000

■ 226.2500,
-24.0710, 1.2170

■ 248.1230,

-13.7080, -4.8760

■ 69.6350, -26.5930,
2.8710

■ 69.6350, -26.5930,
2.8710

■ 63.7100, -31.1780,
3.3660

■ 75.5600, -22.0080,
2.3760

■ 57.4860, -36.3590,
3.6490

■ 81.7840, -16.8270,
2.0930

■ 50.9740, -40.6690,
4.6670

■ 88.2960, -12.5170,
1.0750

■ 44.7500, -45.8500,
4.9500

■ 94.5200, -7.3360,
0.7920

■ 42.3800, -47.6840,
5.1480

■ 100.4450, -2.7510,
0.2970

■ 106.3700, 1.8340,
-0.1980

■ 112.5940, 7.0150,
-0.4810

■ 119.1060, 11.3250,
-1.4990

■ 125.3300, 16.5060,
-1.7820

Harmonies

Analogous

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



63.2260, -41.8590, -6.8110



69.6350, -26.5930, 2.8710



73.8330, -9.3550, 9.8530

Triad

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



69.6350, -26.5930, 2.8710



73.4440, 25.3530, 8.5930



67.7780, -8.6630, -13.7110

Complementary

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



69.6350, -26.5930, 2.8710



80.3650, 26.5930, -2.8710

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.



70.2590, 6.1000, -11.4360



69.6350, -26.5930, 2.8710



73.1030, 24.5750, 0.6630

Square

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



69.6350, -26.5930, 2.8710



74.6700, 19.0250, 13.1450



71.7660, 17.9740, -6.3620



64.4970, -26.8650, -14.2330

Rectangle

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



69.6350, -26.5930, 2.8710



74.9870, 2.0150, 13.0470



71.7660, 17.9740, -6.3620



68.5290, -3.5280, -13.1600

Sweetspot

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



69.6350, -26.5930, 2.8710



121.6660, -10.6830, 0.8770



83.2380, -24.9380, -21.6260



60.7050, -6.4190, 0.6930



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.



69.6350, -26.5930, 2.8710



81.6750, -41.2650, 4.4550



53.1990, -18.8930, 17.5150



47.7440, -2.1550, 0.5090



46.5690, -52.5900, 5.9540



98.6150, -110.9570, 11.9790

Inverse Universe

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



66.6480, 25.2590, 21.3150



77.0400, 39.1950, 33.0750



96.8010, 18.8930, -17.5150



47.7230, 2.3380, 1.6820



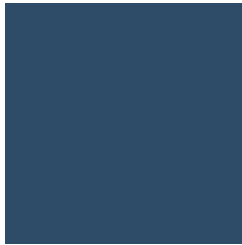
40.8830, 50.2430, 42.1070



86.1520, 105.3910, 88.9350

Previews

White Background



This preview shows how the YIQ color 69.6350, -26.5930, 2.8710 looks on a white background.

Color Contrast Check

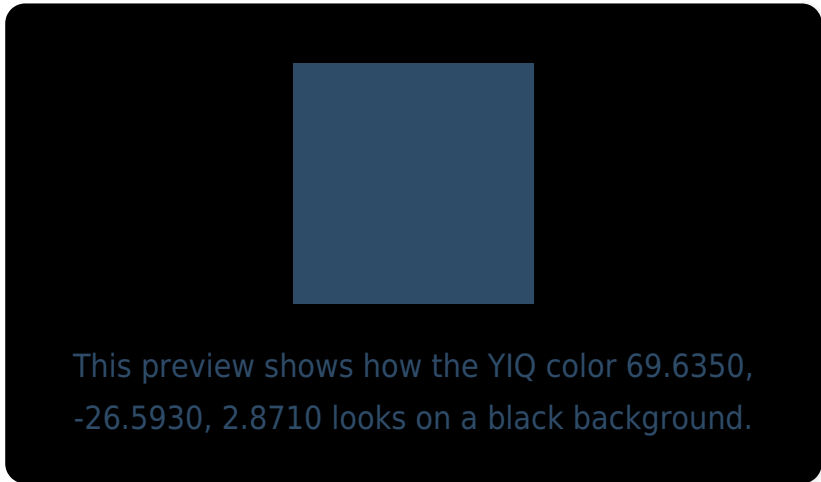
Large Text (above 18pt) WCAG AA ✓ Pass

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

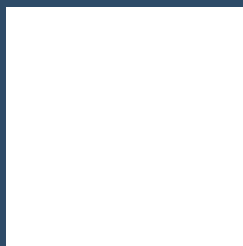
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 69.6350, -26.5930, 2.8710

Background



This preview shows how black text looks on a background with the YIQ color 69.6350, -26.5930, 2.8710.

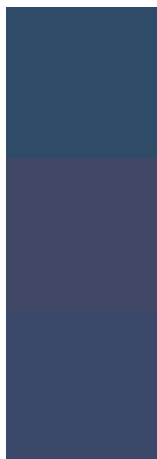


This preview shows how white text looks on a background with the YIQ color 69.6350, -26.5930,

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

69.6350, -26.5930, 2.8710

Protanopia

72.9140, -14.0770, 7.3230

Deuteranopia

72.1740, -17.7450, 7.7190



Tritanopia

67.7240, -25.7660, -6.6140

Trichromacy



Original Color

69.6350, -26.5930, 2.8710

Protanomaly

71.5220, -18.8450, 5.6270

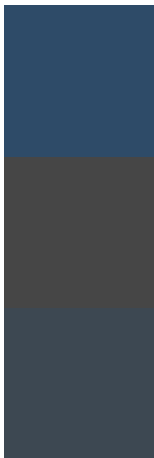
Deuteranomaly

71.2660, -21.0000, 6.1360

Tritanomaly

68.8320, -25.9500, -3.2780

Monochromacy



Original Color

69.6350, -26.5930, 2.8710

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8510, -9.7660, 0.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.6350, -26.5930, 2.8710 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(46, 75, 104)` looks like.

```
.text, #text, p{  
    color:rgb(46, 75, 104)  
}
```

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(46, 75, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 75, 104) }
```

Border

The CSS property to change the border of an element to YIQ 69.6350, -26.5930, 2.8710 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(46, 75, 104) }
```


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

```
.border{ border-color:rgb(46, 75, 104) }
```

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

Here you see how a box with a 4 pixel rgb(46, 75, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 75, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 75, 104);  
box-shadow:4px 4px 4px 4px rgb(46, 75,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 69.6350, -26.5930, 2.8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 75, 104) }
```

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

```
.background{ background-color: rgb(46, 75,  
104) }
```

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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