

Converting Colors

YIQ(113.7040, 11.3760,
-29.9680)

Have a look what the booklet for
YIQ(113.7040, 11.3760, -29.9680)
contains.

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Color

**YIQ(113.7040, 11.3760,
-29.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8232
RGB	106, 130, 50
RGB Percent	42%, 51%, 20%
CMY	0.5844, 0.4901, 0.8038
CMYK	0.18, 0.00, 0.62, 0.49
HSL	78°, 44%, 35%
HSV	78°, 62%, 51%
XYZ	14.5009, 19.2609, 5.9742
YIQ	113.7040, 11.3760, -29.9680

Conversions

Conversions Part 2

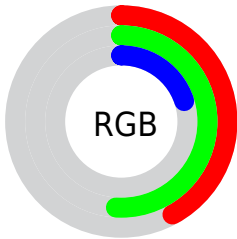
Format	Color
RYB	50, 130, 74
Decimal	6980146
CIELab	50.99, -21.58, 39.50
CIELCh	51, 45.016, 118.651
Yxy	19.2609, 0.3649, 0.4847
Android (android.graphics.Color)	4285170226 (0xFF6A8232)
YUV	113.7040, -31.4061, -6.7564
Hunter-Lab	43.8873, -17.8242, 22.6502

Details

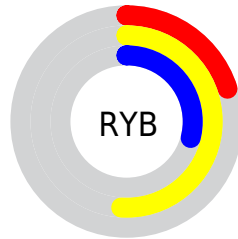
The YIQ color **113.7040, 11.3760, -29.9680** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **66.2960, -11.3760, 29.9680**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3620, 12.3390, -30.9010**, and **64.2910, 11.1010, -30.4910** is the 20% darker color. If you saturate the color by 10%, you get **111.0260, 13.1650, -34.8590**, and if you desaturate by 10%, it is **116.3820, 9.5870, -25.0770**.

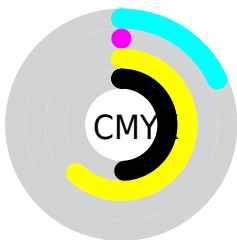
Distribution



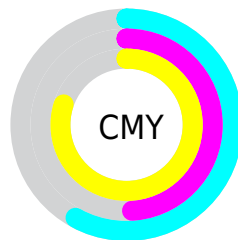
- Red (42%)
- Green (51%)
- Blue (20%)



- Red (20%)
- Yellow (51%)
- Blue (29%)



- Cyan (18%)
- Magenta (0%)
- Yellow (62%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.7040, 11.3760, -29.9680 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 113.7040, 11.3760, -29.9680 by changing the saturation by 10% instead.

■ 113.7040, 11.3760,
-29.9680

■ 113.7040, 11.3760,
-29.9680

■ 255.0000, -0.0000,
-0.0000

■ 88.4050, 10.7800,
-30.1800

■ 166.3620, 12.3390,
-30.9010

■ 64.2910, 11.1010,
-30.4910

■ 194.1340, 12.9810,
-31.5230

■ 43.0270, 3.3970,
-23.0270

■ 221.9060, 13.6230,
-32.1450

■ 22.0290, -8.1120,
-18.1920

■ 243.0470, 17.8400,
-25.9680

■ 4.1090, -1.9250,
-3.6610

■ 249.5280, 15.4080,
-14.9280

■ 0.0000, 0.0000,
0.0000

■ 252.8340, 6.0990,

-5.9090

■ 113.7040, 11.3760,
-29.9680

■ 113.7040, 11.3760,
-29.9680

■ 111.0260, 13.1650,
-34.8590

■ 116.3820, 9.5870,
-25.0770

■ 108.3480, 14.9540,
-39.7500

■ 119.0600, 7.7980,
-20.1860

■ 105.6700, 16.7430,
-44.6410

■ 121.7380, 6.0090,
-15.2950

■ 103.5190, 18.4860,
-48.6980

■ 124.4160, 4.2200,
-10.4040

■ 127.0940, 2.4310,
-5.5130

■ 129.4730, 0.0460,
-0.8340

■ 132.1510, -1.7430,
4.0570

■ 134.8290, -3.5320,
8.9480

■ 137.5070, -5.3210,
13.8390

Harmonies

Analogous

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



117.4690, 40.2590, -19.2690



113.7040, 11.3760, -29.9680



105.6850, -31.1710, -35.3230

Triad

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



113.7040, 11.3760, -29.9680



101.0360, -97.1060, -13.2820



122.1290, 49.1900, 33.6540

Complementary

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



113.7040, 11.3760, -29.9680



66.2960, -11.3760, 29.9680

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.



125.3400, 20.8550, 35.0550



113.7040, 11.3760, -29.9680



104.3080, -82.7120, 1.1920

Square

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



113.7040, 11.3760, -29.9680



100.0780, -88.8970, -24.3930



123.1700, -19.9490, 25.6430



120.4440, 60.8840, 19.9560

Rectangle

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



113.7040, 11.3760, -29.9680



94.1500, -72.2050, -40.5650



123.1700, -19.9490, 25.6430



123.2900, 41.4870, 35.5910

Sweetspot

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



113.7040, 11.3760, -29.9680



161.8890, 4.2660, -11.2380



88.0080, 41.0800, 4.4080



80.4530, 2.7980, -6.6580



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



113.7040, 11.3760, -29.9680



142.8010, 17.7520, -46.4080



101.7440, -12.4640, -38.4480



62.6040, 1.0550, -2.6010



101.7470, 17.8440, -48.0760



0.0000, 0.0000, 0.0000

Inverse Universe

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



66.2960, -11.3760, 29.9680



69.1990, -17.7520, 46.4080



78.2560, 12.4640, 38.4480



58.3960, -1.0550, 2.6010



25.9540, -18.4400, 47.8640



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 113.7040, 11.3760, -29.9680 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 113.7040, 11.3760, -29.9680 looks on a black 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 × Fail

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

YIQ 113.7040, 11.3760, -29.9680

Background



This preview shows how black text looks on a background with the YIQ color 113.7040, 11.3760, -29.9680.



This preview shows how white text looks on a background with the YIQ color 113.7040, 11.3760,

-29.9680.

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

113.7040, 11.3760, -29.9680

Protanopia

116.8640, 31.7770, -19.7350

Deuteranopia

118.5110, 40.4410, -11.5510



Tritanopia

121.2320, -6.4650, 1.5270

Trichromacy



Original Color

113.7040, 11.3760, -29.9680

Protanomaly

115.4500, 24.0750, -23.3250

Deuteranomaly

116.5480, 29.8510, -17.8690

Tritanomaly

118.4910, -0.3650, -9.9090

Monochromacy



Original Color

113.7040, 11.3760, -29.9680

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0030, 3.9450, -10.9270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7040, 11.3760, -29.9680 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(106, 130, 50)` looks like.

```
.text, #text, p{  
    color:rgb(106, 130, 50)  
}
```

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(106, 130, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 130, 50) }
```

Border

The CSS property to change the border of an element to YIQ 113.7040, 11.3760, -29.9680 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(106, 130, 50) }
```


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

```
.border{ border-color:rgb(106, 130, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 130, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 130, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 130, 50);  
box-shadow:4px 4px 4px 4px rgb(106, 130,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7040, 11.3760, -29.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 130, 50) }
```

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

```
.background{ background-color: rgb(106,  
130, 50) }
```

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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