

Converting Colors

YIQ(114.7360, -7.7040, 7.4640)

Have a look what the booklet for
YIQ(114.7360, -7.7040, 7.4640)
contains.

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Color

**YIQ(114.7360, -7.7040,
7.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	707088
RGB	112, 112, 136
RGB Percent	44%, 44%, 53%
CMY	0.5608, 0.5608, 0.4667
CMYK	0.18, 0.18, 0.00, 0.47
HSL	240°, 10%, 49%
HSV	240°, 18%, 53%
XYZ	16.9198, 16.8106, 25.6409
YIQ	114.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

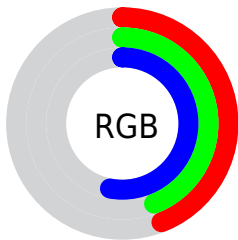
Format	Color
R_{YB}	112, 112, 136
Decimal	7368840
CIE Lab	48.02, 5.32, -13.13
CIE LCh	48, 14.163, 292.059
Yxy	16.8106, 0.2850, 0.2831
Android (android.graphics.Color)	4285558920 (0xFF707088)
YUV	114.7360, 10.4832, -2.3995
Hunter-Lab	41.0007, 1.9106, -8.3781

Details

The YIQ color $114.7360, -7.7040, 7.4640$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $133.2640, 7.7040, -7.4640$, and the grayscale version is $115.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $166.8500, -8.0250, 7.7750$, and $66.5080, -7.0620, 6.8420$ is the 20% darker color. If you saturate the color by 10%, you get $102.3320, -12.1980, 11.8180$, and if you desaturate by 10%, it is $127.1400, -3.2100, 3.1100$.

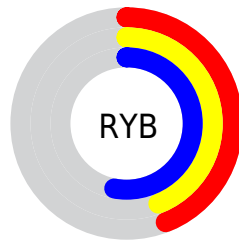
Distribution



Red (44%)

Green (44%)

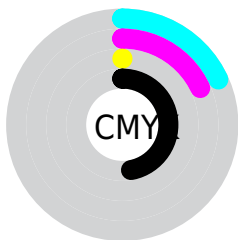
Blue (53%)



Red (44%)

Yellow (44%)

Blue (53%)

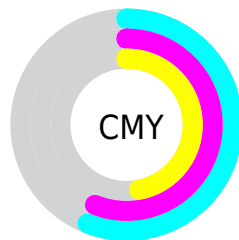


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (47%)



Cyan (56%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.7360, -7.7040, 7.4640 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 114.7360, -7.7040, 7.4640 by changing the saturation by 10% instead.

■ 114.7360, -7.7040,
7.4640

■ 114.7360, -7.7040,
7.4640

■ 255.0000, -0.0000,
-0.0000

■ 90.3230, -7.9790,
6.9410

■ 166.8500, -8.0250,
7.7750

■ 66.5080, -7.0620,
6.8420

■ 193.9640, -8.3460,
8.0860

■ 44.0950, -7.3370,
6.3190

■ 222.0780, -8.6670,
8.3970

■ 23.5680, -7.2910,
5.4850

■ 248.2110, -1.9720,
2.7000

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 114.7360, -7.7040,
7.4640

■ 114.7360, -7.7040,
7.4640

■ 102.3320,
-12.1980, 11.8180

■ 127.1400, -3.2100,
3.1100

■ 90.8140, -16.3710,
15.8610

■ 138.6580, 0.9630,
-0.9330

■ 78.4100, -20.8650,
20.2150

■ 151.0620, 5.4570,
-5.2870

■ 66.8920, -25.0380,
24.2580

■ 162.5800, 9.6300,
-9.3300

■ 54.4880, -29.5320,
28.6120

■ 174.9840, 14.1240,
-13.6840

■ 42.0840, -34.0260,
32.9660

■ 187.3880, 18.6180,
-18.0380

■ 30.5660, -38.1990,
37.0090

■ 198.9060, 22.7910,
-22.0810

■ 18.1620, -42.6930,

■ 211.3100, 27.2850,

41.3630

-26.4350

■ 15.5040, -43.6560,
42.2960

■ 222.8280, 31.4580,
-30.4780

Harmonies

Analogous

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



112.4140, -18.6610, 2.2910



114.7360, -7.7040, 7.4640



115.7760, 3.9870, 10.3470

Triad

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



114.7360, -7.7040, 7.4640



114.7050, 19.9440, 1.9920



109.8790, -16.1370, -10.4170

Complementary

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



114.7360, -7.7040, 7.4640



133.2640, 7.7040, -7.4640

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.



111.0390, -4.9040, -10.2480



114.7360, -7.7040, 7.4640



113.7920, 15.0850, -3.5630

Square

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



114.7360, -7.7040, 7.4640



115.8670, 19.6680, 6.9960



112.6660, 6.5120, -7.8880



109.4530, -23.5650, -7.9570

Rectangle

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



114.7360, -7.7040, 7.4640



115.8970, 10.9560, 10.7000



112.6660, 6.5120, -7.8880



110.0320, -12.1940, -10.2900

Sweetspot

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



114.7360, -7.7040, 7.4640



168.0260, -2.8890, 2.7990



128.8240, -14.3040, -5.0880



84.5700, -1.6050, 1.5550



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



114.7360, -7.7040, 7.4640



143.2180, -11.8770, 11.5070



118.3240, -0.5520, 10.0080



62.7980, -2.2470, 2.1770



15.1620, -42.6930, 41.3630



0.5700, -1.6050, 1.5550

Inverse Universe

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



121.9120, 6.6000, 12.5520



154.2810, 10.1750, 19.3510



129.6760, 0.5520, -10.0080



64.8910, 1.9250, 3.6610



54.9290, 36.5750, 69.5590



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 114.7360, -7.7040, 7.4640 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 × Fail

Black Background



This preview shows how the YIQ color 114.7360, -7.7040, 7.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

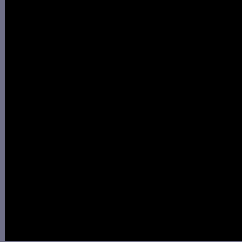
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.7360, -7.7040, 7.4640

Background



This preview shows how black text looks on a background with the YIQ color 114.7360, -7.7040, 7.4640.



This preview shows how white text looks on a background with the YIQ color 114.7360, -7.7040,

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

114.7360, -7.7040, 7.4640

Protanopia

114.5400, -10.0880, 6.6160

Deuteranopia

114.7470, -6.2370, 8.4110



Tritanopia

113.8300, -5.2730, 1.9510

Trichromacy



Original Color

114.7360, -7.7040, 7.4640

Protanomaly

114.8390, -9.4920, 6.8280

Deuteranomaly

114.4480, -6.8330, 8.1990

Tritanomaly

114.1120, -6.0070, 4.2410

Monochromacy



Original Color

114.7360, -7.7040, 7.4640

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.0260, -2.8890, 2.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7360, -7.7040, 7.4640 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(112, 112, 136)` looks like.

```
.text, #text, p{  
    color:rgb(112, 112, 136)  
}
```

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(112, 112, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 112, 136) }
```

Border

The CSS property to change the border of an element to YIQ 114.7360, -7.7040, 7.4640 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(112, 112, 136) }
```


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

```
.border{ border-color:rgb(112, 112, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 112, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 112, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 112, 136);  
box-shadow:4px 4px 4px 4px rgb(112, 112,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7360, -7.7040, 7.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 112, 136) }
```

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

```
.background{ background-color: rgb(112,  
112, 136) }
```

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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