

Converting Colors

YIQ(116.0460, -14.8090,
-1.4410)

Have a look what the booklet for
YIQ(116.0460, -14.8090, -1.4410)
contains.

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Color

**YIQ(116.0460, -14.8090,
-1.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	657982
RGB	101, 121, 130
RGB Percent	40%, 47%, 51%
CMY	0.6040, 0.5254, 0.4903
CMYK	0.22, 0.07, 0.00, 0.49
HSL	199°, 13%, 45%
HSV	199°, 22%, 51%
XYZ	16.2322, 18.0541, 23.7425
YIQ	116.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

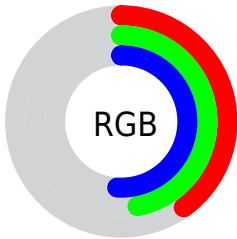
Format	Color
R_{YB}	101, 113, 130
Decimal	6650242
CIE _{Lab}	49.56, -5.19, -7.34
CIE _{LCh}	50, 8.990, 234.757
Yxy	18.0541, 0.2797, 0.3111
Android (android.graphics.Color)	4284840322 (0xFF657982)
YUV	116.0460, 6.8793, -13.1953
Hunter-Lab	42.4902, -6.1669, -3.3867

Details

The YIQ color **116.0460, -14.8090, -1.4410** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.9540, 14.8090, 1.4410**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8610, -15.7260, -1.3420**, and **67.9320, -14.4880, -1.7520** is the 20% darker color. If you saturate the color by 10%, you get **109.8110, -21.4570, -2.1050**, and if you desaturate by 10%, it is **122.2810, -8.1610, -0.7770**.

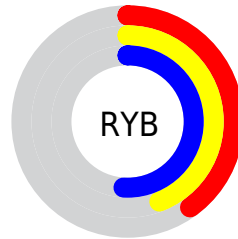
Distribution



Red (40%)

Green (47%)

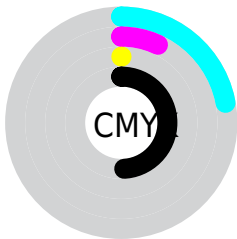
Blue (51%)



Red (40%)

Yellow (44%)

Blue (51%)

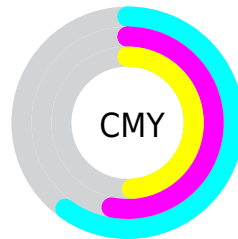


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (49%)



Cyan (60%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.0460, -14.8090, -1.4410 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 116.0460, -14.8090, -1.4410 by changing the saturation by 10% instead.

■ 116.0460,
-14.8090, -1.4410

■ 116.0460,
-14.8090, -1.4410

■ 255.0000, -0.0000,
-0.0000

■ 91.3450, -14.2130,
-1.2290

■ 167.8610,
-15.7260, -1.3420

■ 67.9320, -14.4880,
-1.7520

■ 195.4480,
-16.0010, -1.8650

■ 45.2310, -13.8920,
-1.5400

■ 223.5620,
-16.3220, -1.5540

■ 23.8180, -14.1670,
-2.0630

■ 249.0200,
-11.9200, -4.2400

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 116.0460,
-14.8090, -1.4410

■ 116.0460,
-14.8090, -1.4410

■ 109.8110,
-21.4570, -2.1050

■ 122.2810, -8.1610,
-0.7770

■ 103.5760,
-28.1050, -2.7690

■ 128.5160, -1.5130,
-0.1130

■ 97.3410, -34.7530,
-3.4330

■ 134.7510, 5.1350,
0.5510

■ 91.1060, -41.4010,
-4.0970

■ 140.9860, 11.7830,
1.2150

■ 84.8710, -48.0490,
-4.7610

■ 147.2210, 18.4310,
1.8790

■ 78.6360, -54.6970,
-5.4250

■ 153.4560, 25.0790,
2.5430

■ 72.4010, -61.3450,
-6.0890


■ 159.6910, 31.7270,
3.2070

■ 67.6500, -66.4800,

■ 165.9260, 38.3750,

-6.6400

3.8710

 172.1610, 45.0230,
4.5350

Harmonies

Analogous

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



115.3510, -14.3500, -4.2540



116.0460, -14.8090, -1.4410



117.3070, -11.0500, 2.0220

Triad

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



116.0460, -14.8090, -1.4410



119.6640, 9.9940, 6.1060



116.6920, 3.6230, -5.0890

Complementary

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



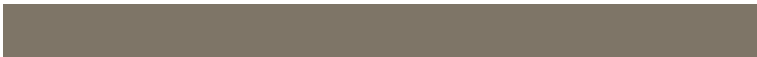
116.0460, -14.8090, -1.4410



114.9540, 14.8090, 1.4410

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.



118.0950, 9.8580, -2.4460



116.0460, -14.8090, -1.4410



119.1650, 12.8370, 4.1410

Square

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



116.0460, -14.8090, -1.4410



119.3690, 3.5750, 6.7990



118.4700, 13.2960, 1.3280



115.7450, -3.8960, -6.4880

Rectangle

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



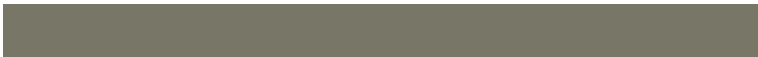
116.0460, -14.8090, -1.4410



117.8130, -6.6030, 4.0290



118.4700, 13.2960, 1.3280



117.4750, 5.7320, -4.7640

Sweetspot

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



116.0460, -14.8090, -1.4410



162.9500, -5.7310, -0.7630



119.0490, -10.8640, -12.3680



80.7330, -3.6220, -0.4380



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.



116.0460, -14.8090, -1.4410



146.3270, -22.9700, -2.2180



107.8280, -10.9590, 5.8810



60.7330, -3.6220, -0.4380



66.2480, -65.2880, -6.2160



0.0000, 0.0000, 0.0000

Inverse Universe

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



111.9510, 10.8640, 12.3680



139.9890, 16.8690, 19.1810



123.1720, 10.9590, -5.8810



59.6630, 2.5670, 3.0390



48.3040, 48.0400, 54.5040



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 116.0460, -14.8090, -1.4410 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 116.0460, -14.8090, -1.4410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

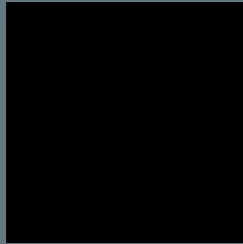
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

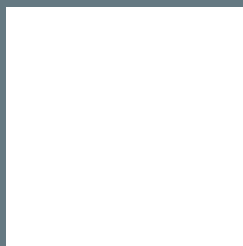
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 116.0460, -14.8090, -1.4410

Background



This preview shows how black text looks on a background with the YIQ color 116.0460, -14.8090, -1.4410.



This preview shows how white text looks on a background with the YIQ color 116.0460, -14.8090, -1.4410.

-1.4410.

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

116.0460, -14.8090, -1.4410

Protanopia

118.1400, -3.2100, 3.1100

Deuteranopia

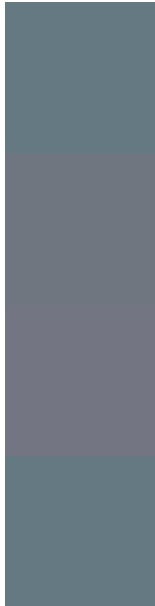
118.6290, -0.0930, 7.1950



Tritanopia

116.1600, -15.1300, -1.1300

Trichromacy



Original Color

116.0460, -14.8090, -1.4410

Protanomaly

117.0470, -7.3820, 1.6260

Deuteranomaly

117.9980, -5.6860, 3.9300

Tritanomaly

116.1600, -15.1300, -1.1300

Monochromacy



Original Color

116.0460, -14.8090, -1.4410

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.2490, -5.1350, -0.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.0460, -14.8090, -1.4410 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(101, 121, 130)` looks like.

```
.text, #text, p{  
    color:rgb(101, 121, 130)  
}
```

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(101, 121, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 121, 130) }
```

Border

The CSS property to change the border of an element to YIQ 116.0460, -14.8090, -1.4410 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(101, 121, 130) }
```


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

```
.border{ border-color:rgb(101, 121, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 121, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 121, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 121, 130);  
box-shadow:4px 4px 4px 4px rgb(101, 121,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 116.0460, -14.8090, -1.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 121, 130) }
```

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

```
.background{ background-color: rgb(101,  
121, 130) }
```

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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