

Converting Colors

YIQ(114.0940, 2.4310, -5.5130)

Have a look what the booklet for
YIQ(114.0940, 2.4310, -5.5130)
contains.

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Color

**YIQ(114.0940, 2.4310,
-5.5130)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 717566 |
| RGB | 113, 117, 102 |
| RGB Percent | 44%, 46%, 40% |
| CMY | 0.5569, 0.5412, 0.6000 |
| CMYK | 0.03, 0.00, 0.13, 0.54 |
| HSL | 76°, 7%, 43% |
| HSV | 76°, 13%, 46% |
| XYZ | 15.5695, 17.1928, 15.0697 |
| YIQ | 114.0940, 2.4310, -5.5130 |

Conversions

Conversions Part 2

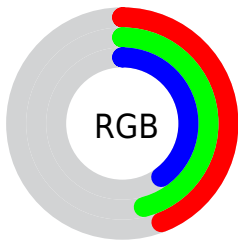
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 102, 117, 106 |
| Decimal | 7435622 |
| CIE _{Lab} | 48.50, -4.45, 7.76 |
| CIE _{LCh} | 49, 8.942, 119.829 |
| Yxy | 17.1928, 0.3255, 0.3594 |
| Android (android.graphics.Color) | 4285625702 (0xFF717566) |
| YUV | 114.0940, -5.9623, -0.9594 |
| Hunter-Lab | 41.4642, -5.5370, 7.4766 |

Details

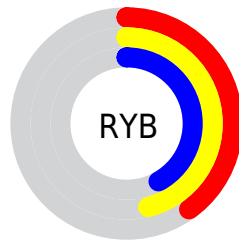
The YIQ color $114.0940, 2.4310, -5.5130$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $104.9060, -2.4310, 5.5130$, and the grayscale version is $114.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $165.9800, 2.7520, -5.8240$, and $66.2080, 2.1100, -5.2020$ is the 20% darker color. If you saturate the color by 10%, you get $111.8290, 4.4950, -9.8810$, and if you desaturate by 10%, it is $116.3590, 0.3670, -1.1450$.

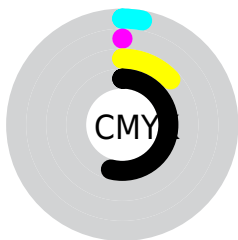
Distribution



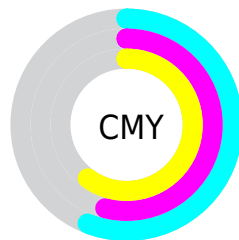
- Red (44%)
- Green (46%)
- Blue (40%)



- Red (40%)
- Yellow (46%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (54%)



- Cyan (56%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.0940, 2.4310, -5.5130 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 114.0940, 2.4310, -5.5130 by changing the saturation by 10% instead.

■ 114.0940, 2.4310,
-5.5130

■ 114.0940, 2.4310,
-5.5130

■ 255.0000, -0.0000,
-0.0000

■ 89.5070, 2.7060,
-4.9900

■ 165.9800, 2.7520,
-5.8240

■ 66.2080, 2.1100,
-5.2020

■ 192.9800, 2.7520,
-5.8240

■ 44.3220, 1.7890,
-4.8910

■ 220.8660, 3.0730,
-6.1350

■ 23.5070, 2.7060,
-4.9900

■ 249.5670, 2.4770,
-6.3470

■ 0.0000, 0.0000,
0.0000

■ 114.0940, 2.4310,

■ 114.0940, 2.4310,

-5.5130

-5.5130

■ 111.8290, 4.4950,
-9.8810

■ 116.3590, 0.3670,
-1.1450

■ 109.6780, 6.2380,
-13.9380

■ 118.5100, -1.3760,
2.9120

■ 107.4130, 8.3020,
-18.3060

■ 120.7750, -3.4400,
7.2800

■ 104.8490, 9.7700,
-22.8860

■ 123.3390, -4.9080,
11.8600

■ 102.6980, 11.5130,
-26.9430

■ 125.6040, -6.9720,
16.2280

■ 100.4330, 13.5770,
-31.3110

■ 127.7550, -8.7150,
20.2850

■ 98.1680, 15.6410,
-35.6790

■ 130.0200,
-10.7790, 24.6530

■ 95.9030, 17.7050,
-40.0470

■ 132.2850,
-12.8430, 29.0210

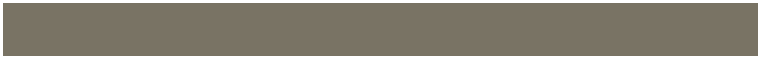
■ 94.3930, 19.0810,
-42.9590

■ 134.4360,
-14.5860, 33.0780

Harmonies

Analogous

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



115.0840, 8.3910, -3.3930



114.0940, 2.4310, -5.5130



113.1470, -5.0880, -6.9120

Triad

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



114.0940, 2.4310, -5.5130



113.4590, -14.5340, -0.9180



116.5500, 10.3150, 5.7950

Complementary

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



114.0940, 2.4310, -5.5130



104.9060, -2.4310, 5.5130

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.



116.5540, 4.4920, 6.7000



114.0940, 2.4310, -5.5130



114.9050, -9.8580, 2.4460

Square

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



114.0940, 2.4310, -5.5130



112.4650, -14.6710, -3.9430



115.9060, -2.4310, 5.5130



116.0510, 13.1580, 3.8300

Rectangle

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



114.0940, 2.4310, -5.5130



113.1080, -9.3520, -6.7280



115.9060, -2.4310, 5.5130



116.5930, 8.7560, 6.5160

Sweetspot

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



114.0940, 2.4310, -5.5130



151.7180, 0.7340, -2.2900



108.8330, 7.8400, 1.0880



75.9460, 0.0920, -1.6680



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



114.0940, 2.4310, -5.5130



148.5840, 3.8070, -8.4250



112.0010, -1.7410, -6.9970



57.7180, 0.7340, -2.2900



98.5240, 20.0900, -44.7260



201.4670, 40.3180, -91.9540

Inverse Universe

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



104.9060, -2.4310, 5.5130



134.4160, -3.8070, 8.4250



107.2980, 2.3370, 7.2090



53.9830, -1.3300, 2.0780



23.7750, -19.4940, 44.9380



48.5330, -40.3180, 91.9540

Previews

White Background



This preview shows how the YIQ color 114.0940, 2.4310, -5.5130 looks on a white background.

Color Contrast Check

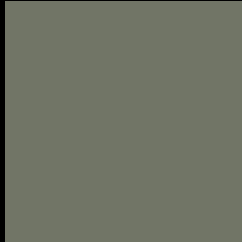
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.0940, 2.4310, -5.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

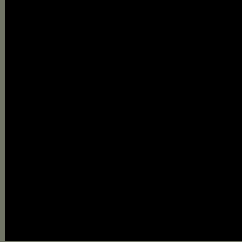
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 114.0940, 2.4310, -5.5130

Background



This preview shows how black text looks on a background with the YIQ color 114.0940, 2.4310, -5.5130.



This preview shows how white text looks on a background with the YIQ color 114.0940, 2.4310,

-5.5130.

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

114.0940, 2.4310, -5.5130

Protanopia

114.8990, 7.4740, -3.2940

Deuteranopia

116.0680, 14.4880, 1.7520



Tritanopia

115.6240, -1.6970, 3.2230

Trichromacy



Original Color

114.0940, 2.4310, -5.5130

Protanomaly

114.5890, 5.4110, -4.4530

Deuteranomaly

115.1490, 9.7660, -0.7780

Tritanomaly

115.0000, -0.0000, 0.0000

Monochromacy



Original Color

114.0940, 2.4310, -5.5130

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.0940, 2.4310, -5.5130 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(113, 117, 102)` looks like.

```
.text, #text, p{  
    color:rgb(113, 117, 102)  
}
```

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(113, 117, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 117, 102) }
```

Border

The CSS property to change the border of an element to YIQ 114.0940, 2.4310, -5.5130 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(113, 117, 102) }
```


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

```
.border{ border-color:rgb(113, 117, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 117, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 117, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 117, 102);  
box-shadow:4px 4px 4px 4px rgb(113, 117,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 114.0940, 2.4310, -5.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 117, 102) }
```

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

```
.background{ background-color: rgb(113,  
117, 102) }
```

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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