

Converting Colors

YIQ(114.2910, -40.4840,
-4.1960)

Have a look what the booklet for
YIQ(114.2910, -40.4840, -4.1960)
contains.

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Color

**YIQ(114.2910, -40.4840,
-4.1960)**

Conversions

Conversions Part 1

Format	Color
Hex	498098
RGB	73, 128, 152
RGB Percent	29%, 50%, 60%
CMY	0.7138, 0.4979, 0.4041
CMYK	0.52, 0.16, 0.00, 0.40
HSL	198°, 35%, 44%
HSV	198°, 52%, 60%
XYZ	16.1314, 19.1252, 32.5275
YIQ	114.2910, -40.4840, -4.1960

Conversions

Conversions Part 2

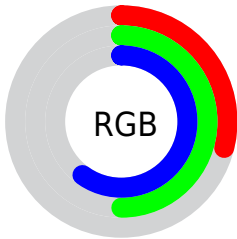
Format	Color
R_{YB}	73, 105, 152
Decimal	4817048
CIE _{Lab}	50.83, -11.24, -18.47
CIE _{LCh}	51, 21.622, 238.666
Yxy	19.1252, 0.2380, 0.2821
Android (android.graphics.Color)	4283007128 (0xFF498098)
YUV	114.2910, 18.5905, -36.2122
Hunter-Lab	43.7324, -10.6892, -13.4863

Details

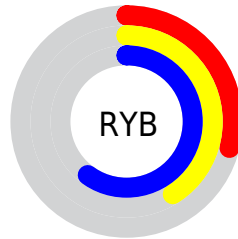
The YIQ color $114.2910, -40.4840, -4.1960$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $110.7090, 40.4840, 4.1960$, and the grayscale version is $114.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $167.7040, -40.2090, -3.6730$, and $61.1760, -47.5900, -7.5740$ is the 20% darker color. If you saturate the color by 10%, you get $106.8710, -48.0490, -4.7610$, and if you desaturate by 10%, it is $121.7110, -32.9190, -3.6310$.

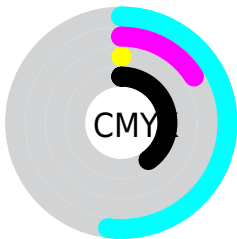
Distribution



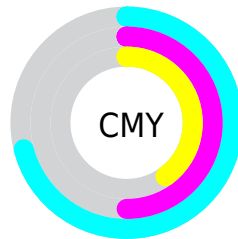
- Red (29%)
- Green (50%)
- Blue (60%)



- Red (29%)
- Yellow (41%)
- Blue (60%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.2910, -40.4840, -4.1960 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 114.2910, -40.4840, -4.1960 by changing the saturation by 10% instead.

■ 114.2910,
-40.4840, -4.1960

■ 114.2910,
-40.4840, -4.1960

■ 255.0000, -0.0000,
-0.0000

■ 88.2800, -41.9510,
-5.1430

■ 167.7040,
-40.2090, -3.6730

■ 61.1760, -47.5900,
-7.5740

■ 194.9320,
-40.8510, -3.0510

■ 41.6500, -40.1170,
-5.3410

■ 222.6070,
-38.5580, -6.0620

■ 26.1140, -26.6840,
-0.9880

■ 241.8440,
-26.2240, -9.3280

■ 8.4580, -12.7930,
6.0790

■ 250.5150, -8.9400,
-3.1800

■ 0.6840, -1.9260,
1.8660

■ 0.0000, 0.0000,

0.0000

■ 114.2910,
-40.4840, -4.1960

■ 114.2910,
-40.4840, -4.1960

■ 106.8710,
-48.0490, -4.7610

■ 121.7110,
-32.9190, -3.6310

■ 100.0380,
-55.8890, -5.8490

■ 128.5440,
-25.0790, -2.5430

■ 92.3190, -64.0500,
-6.6260

■ 136.2630,
-16.9180, -1.7660

■ 85.4860, -71.8900,
-7.7140

■ 143.0960, -9.0780,
-0.6780

■ 79.5500, -77.9420,
-8.1660

■ 150.5160, -1.5130,
-0.1130

■ 157.9360, 6.0520,
0.4520

■ 164.7690, 13.8920,
1.5400

■ 172.4880, 22.0530,
2.3170

■ 179.3210, 29.8930,
3.4050

Harmonies

Analogous

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



111.7650, -42.1790, -12.0270



114.2910, -40.4840, -4.1960



118.9170, -27.3270, 5.1610

Triad

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



114.2910, -40.4840, -4.1960



124.0620, 23.7930, 14.8410



118.0910, 6.5130, -13.4150

Complementary

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



114.2910, -40.4840, -4.1960



110.7090, 40.4840, 4.1960

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.



120.3810, 20.4960, -8.0160



114.2910, -40.4840, -4.1960



123.0810, 30.8090, 8.8330

Square

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



114.2910, -40.4840, -4.1960



124.1730, 10.3590, 16.0150



121.4410, 29.4350, 0.6910



115.3430, -11.8720, -16.1280

Rectangle

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



114.2910, -40.4840, -4.1960



121.7230, -14.8570, 10.4470



121.4410, 29.4350, 0.6910



119.0700, 11.0060, -12.2420

Sweetspot

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



114.2910, -40.4840, -4.1960



181.4480, -16.0010, -1.8650



122.1090, -29.4290, -33.8530



90.6830, -9.3530, -1.2010



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



114.2910, -40.4840, -4.1960



138.1020, -61.9410, -6.3010



91.3980, -29.7590, 16.2010



72.8470, -3.9430, -0.1270



73.4860, -71.8900, -7.7140



6.7650, -6.6480, -0.6640

Inverse Universe

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



102.8910, 29.4290, 33.8530



120.7550, 45.1520, 51.7760



133.6020, 29.7590, -16.2010



71.9620, 3.1630, 3.2510



53.0320, 51.9820, 60.1580



4.9130, 4.8590, 5.5550

Previews

White Background



This preview shows how the YIQ color 114.2910, -40.4840, -4.1960 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 114.2910, -40.4840, -4.1960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

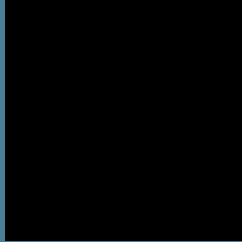
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.2910, -40.4840, -4.1960

Background



This preview shows how black text looks on a background with the YIQ color 114.2910, -40.4840, -4.1960.



This preview shows how white text looks on a background with the YIQ color 114.2910, -40.4840, -4.1960.

-4.1960.

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

114.2910, -40.4840, -4.1960

Protanopia

120.8820, -11.0510, 7.5490

Deuteranopia

121.2070, -13.3440, 10.5600



Tritanopia

112.9010, -39.5660, -9.8220

Trichromacy



Original Color

114.2910, -40.4840, -4.1960

Protanomaly

118.3860, -21.4580, 3.4220

Deuteranomaly

118.9560, -23.0630, 4.9770

Tritanomaly

113.0690, -39.9790, -7.8430

Monochromacy



Original Color

114.2910, -40.4840, -4.1960

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0460, -14.8090, -1.4410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.2910, -40.4840, -4.1960 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(73, 128, 152)` looks like.

```
.text, #text, p{  
    color:rgb(73, 128, 152)  
}
```

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(73, 128, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 128, 152) }
```

Border

The CSS property to change the border of an element to YIQ 114.2910, -40.4840, -4.1960 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(73, 128, 152) }
```


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

```
.border{ border-color:rgb(73, 128, 152) }
```

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

Here you see how a box with a 4 pixel rgb(73, 128, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 128, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 128, 152);  
box-shadow:4px 4px 4px 4px rgb(73, 128,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 114.2910, -40.4840, -4.1960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 128, 152) }
```

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

```
.background{ background-color: rgb(73, 128,  
152) }
```

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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