

Converting Colors

YIQ(116.1280, -48.7760,
-41.1600)

Have a look what the booklet for
YIQ(116.1280, -48.7760, -41.1600)
contains.

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Color

**YIQ(116.1280, -48.7760,
-41.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	2C9C64
RGB	44, 156, 100
RGB Percent	17%, 61%, 39%
CMY	0.8277, 0.3880, 0.6080
CMYK	0.72, 0.00, 0.36, 0.39
HSL	150°, 56%, 39%
HSV	150°, 72%, 61%
XYZ	15.2301, 25.2458, 16.1171
YIQ	116.1280, -48.7760, -41.1600

Conversions

Conversions Part 2

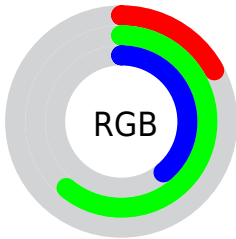
Format	Color
R_{YB}	44, 119, 156
Decimal	2923620
CIE _{Lab}	57.31, -44.43, 20.61
CIE _{LCh}	57, 48.979, 155.119
Yxy	25.2458, 0.2691, 0.4461
Android (android.graphics.Color)	4281113700 (0xFF2C9C64)
YUV	116.1280, -7.9511, -63.2563
Hunter-Lab	50.2452, -33.8229, 16.1533

Details

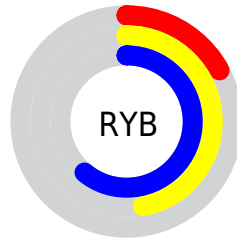
The YIQ color **116.1280, -48.7760, -41.1600** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **83.8720, 48.7760, 41.1600**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4660, -43.9160, -41.1320**, and **67.0900, -45.6130, -37.9090** is the 20% darker color. If you saturate the color by 10%, you get **110.4320, -55.7440, -47.0400**, and if you desaturate by 10%, it is **121.8240, -41.8080, -35.2800**.

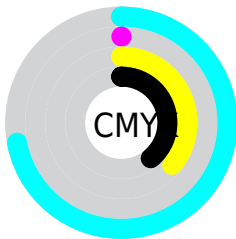
Distribution



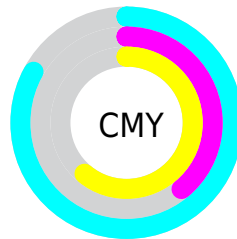
- Red (17%)
- Green (61%)
- Blue (39%)



- Red (17%)
- Yellow (47%)
- Blue (61%)



- Cyan (72%)
- Magenta (0%)
- Yellow (36%)
- Black (39%)



- Cyan (83%)
- Magenta (39%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.1280, -48.7760, -41.1600 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 116.1280, -48.7760, -41.1600 by changing the saturation by 10% instead.

■ 116.1280,
-48.7760, -41.1600

■ 116.1280,
-48.7760, -41.1600

■ 255.0000, -0.0000,
-0.0000

■ 84.3870, -59.8710,
-43.8310

■ 172.4660,
-43.9160, -41.1320

■ 67.0900, -45.6130,
-37.9090

■ 200.9390,
-43.8700, -41.9660

■ 49.9070, -31.6760,
-31.6760

■ 221.6070,
-39.6990, -34.9550

■ 33.1970, -17.6930,
-26.2770

■ 233.4700,
-31.4030, -20.0990

■ 19.3710, -9.0750,
-17.2590

■ 244.5350,
-20.8600, -7.4200

■ 0.0000, 0.0000,
0.0000

■ 253.5050, -2.9800,

-1.0600

■ 116.1280,
-48.7760, -41.1600

■ 116.1280,
-48.7760, -41.1600

■ 110.4320,
-55.7440, -47.0400

■ 121.8240,
-41.8080, -35.2800

■ 105.0350,
-62.1160, -52.7080

■ 127.2210,
-35.4360, -29.6120

■ 100.4640,
-67.9380, -57.3300

■ 132.8030,
-28.1470, -24.0430

■ 138.2000,
-21.7750, -18.3750

■ 143.8960,
-14.8070, -12.4950

■ 149.5920, -7.8390,
-6.6150

■ 154.9890, -1.4670,
-0.9470

■ 160.5710, 5.8220,
4.6220

■ 165.9680, 12.1940,
10.2900

Harmonies

Analogous

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



127.6490, 4.0410, -34.7030



116.1280, -48.7760, -41.1600



109.7490, -89.9490, -38.3730

Triad

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



116.1280, -48.7760, -41.1600



127.9340, -69.5550, 10.5490



136.5710, 67.7160, 17.2840

Complementary

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



116.1280, -48.7760, -41.1600



83.8720, 48.7760, 41.1600

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.



138.3320, 58.8640, 34.5440



116.1280, -48.7760, -41.1600



140.7630, -11.1930, 32.1590

Square

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



116.1280, -48.7760, -41.1600



113.7340, -110.8150, -12.6310



141.2490, 31.5370, 39.7050



135.1500, 60.7510, -5.1770

Rectangle

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



116.1280, -48.7760, -41.1600



112.4680, -98.9830, -28.8310



141.2490, 31.5370, 39.7050



136.9010, 67.0270, 24.2670

Sweetspot

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



116.1280, -48.7760, -41.1600



188.0370, -19.7580, -16.3820



127.0860, 3.7680, -46.2800



92.4450, -11.9190, -9.7670



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



116.1280, -48.7760, -41.1600



141.6430, -76.0520, -64.4680



122.2840, -66.1100, -24.3660



76.1520, -3.4840, -2.9400



92.0350, -62.1160, -52.7080



9.7170, -6.6930, -5.3570

Inverse Universe

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



83.8720, 48.7760, 41.1600



91.2430, 76.3730, 64.1570



77.7160, 66.1100, 24.3660



73.8480, 3.4840, 2.9400



50.8510, 62.4370, 52.3970



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 116.1280, -48.7760, -41.1600 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 116.1280, -48.7760, -41.1600 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 116.1280, -48.7760, -41.1600 Background



This preview shows how black text looks on a background with the YIQ color 116.1280, -48.7760, -41.1600.



This preview shows how white text looks on a background with the YIQ color 116.1280, -48.7760,

-41.1600.

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

116.1280, -48.7760, -41.1600

Protanopia

135.1590, 21.0010, -11.6630

Deuteranopia

136.8210, 25.3090, -1.6270



Tritanopia

126.1490, -52.1280, -13.4400

Trichromacy



Original Color

116.1280, -48.7760, -41.1600

Protanomaly

128.2480, -4.5350, -22.4470

Deuteranomaly

129.3180, -1.5560, -15.8600

Tritanomaly

122.7110, -51.2550, -23.7590

Monochromacy



Original Color

116.1280, -48.7760, -41.1600

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.3470, -17.6950, -15.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.1280, -48.7760, -41.1600 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(44, 156, 100)` looks like.

```
.text, #text, p{  
    color:rgb(44, 156, 100)  
}
```

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(44, 156, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 156, 100) }
```

Border

The CSS property to change the border of an element to YIQ 116.1280, -48.7760, -41.1600 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(44, 156, 100) }
```


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

```
.border{ border-color:rgb(44, 156, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 156, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 156, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 156, 100);  
box-shadow:4px 4px 4px 4px rgb(44, 156,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 116.1280, -48.7760, -41.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 156, 100) }
```

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

```
.background{ background-color: rgb(44, 156,  
100) }
```

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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