

Converting Colors

YIQ(117.2050, -46.5340,
-15.7020)

Have a look what the booklet for
YIQ(117.2050, -46.5340, -15.7020)
contains.

YIQ(117.2050, -46.5340, -15.7020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(117.2050, -46.5340,
-15.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8C8E
RGB	63, 140, 142
RGB Percent	25%, 55%, 56%
CMY	0.7531, 0.4508, 0.4433
CMYK	0.56, 0.01, 0.00, 0.44
HSL	181°, 39%, 40%
HSV	181°, 56%, 56%
XYZ	16.3087, 21.7724, 28.9154
YIQ	117.2050, -46.5340, -15.7020

Conversions

Conversions Part 2

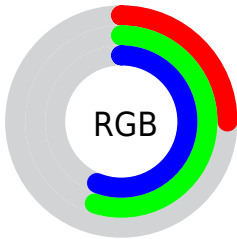
Format	Color
R_{YB}	63, 102, 142
Decimal	4164750
CIE _{Lab}	53.78, -22.95, -8.24
CIE _{LCh}	54, 24.388, 199.737
Yxy	21.7724, 0.2434, 0.3250
Android (android.graphics.Color)	4282354830 (0xFF3F8C8E)
YUV	117.2050, 12.2239, -47.5378
Hunter-Lab	46.6609, -19.2683, -4.0789

Details

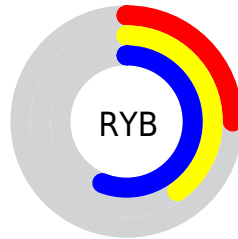
The YIQ color **117.2050, -46.5340, -15.7020** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87.7950, 46.5340, 15.7020**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5040, -45.9380, -15.4900**, and **63.3180, -54.2820, -18.4580** is the 20% darker color. If you saturate the color by 10%, you get **113.0190, -54.8780, -18.6700**, and if you desaturate by 10%, it is **121.3910, -38.1900, -12.7340**.

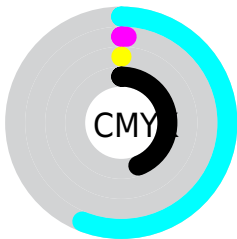
Distribution



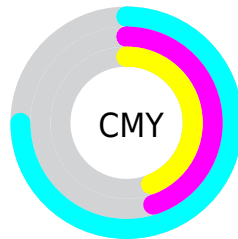
- Red (25%)
- Green (55%)
- Blue (56%)



- Red (25%)
- Yellow (40%)
- Blue (56%)



- Cyan (56%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (75%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2050, -46.5340, -15.7020 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 117.2050, -46.5340, -15.7020 by changing the saturation by 10% instead.

■ 117.2050,
-46.5340, -15.7020

■ 117.2050,
-46.5340, -15.7020

■ 255.0000, -0.0000,
-0.0000

■ 89.7100, -49.5140,
-16.7620

■ 171.5040,
-45.9380, -15.4900

■ 63.3180, -54.2820,
-18.4580

■ 199.3900,
-45.6170, -15.8010

■ 46.4940, -39.9780,
-13.3700

■ 228.0910,
-46.2130, -16.0130

■ 30.4850, -26.5910,
-8.1830

■ 239.4520,
-30.9920, -11.0240

■ 15.8780, -14.3960,
-3.4200

■ 248.1230,
-13.7080, -4.8760

■ 0.0000, 0.0000,
0.0000

■ 117.2050,
-46.5340, -15.7020

■ 117.2050,
-46.5340, -15.7020

■ 113.0190,
-54.8780, -18.6700

■ 121.3910,
-38.1900, -12.7340

■ 108.2460,
-62.9470, -21.1150

■ 126.1640,
-30.1210, -10.2890

■ 103.7610,
-71.8870, -24.2950

■ 130.6490,
-21.1810, -7.1090

■ 99.5750, -80.2310,
-27.2630

■ 134.8350,
-12.8370, -4.1410

■ 97.7810, -83.8070,
-28.5350

■ 139.6080, -4.7680,
-1.6960

■ 143.7940, 3.5760,
1.2720

■ 147.9800, 11.9200,
4.2400

■ 153.0520, 20.5850,

6.8970

 157.2380, 28.9290,
9.8650

Harmonies

Analogous

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



120.0790, -28.7440, -18.7280



117.2050, -46.5340, -15.7020



118.9800, -49.9740, -8.4220

Triad

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



117.2050, -46.5340, -15.7020



131.3020, 5.6820, 18.1780



128.1430, 27.0980, -6.5180

Complementary

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



117.2050, -46.5340, -15.7020



87.7950, 46.5340, 15.7020

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.



129.6590, 34.7530, 3.4330



117.2050, -46.5340, -15.7020



131.8710, 23.0130, 17.9650

Square

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



117.2050, -46.5340, -15.7020



129.5920, -15.8660, 12.2140



130.5700, 33.9260, 12.9180



126.2010, 12.0150, -14.0090

Rectangle

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



117.2050, -46.5340, -15.7020



122.5020, -42.4560, -1.4960



130.5700, 33.9260, 12.9180



128.5180, 30.5360, -2.7440

Sweetspot

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



117.2050, -46.5340, -15.7020



173.8450, -18.7970, -6.2610



109.4870, -22.0460, -41.0060



85.7320, -11.0490, -3.5050



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



117.2050, -46.5340, -15.7020



145.4620, -72.4830, -24.5070



94.3120, -35.8090, 4.6950



68.9070, -4.1720, -1.4840



92.8740, -79.6350, -27.0510



5.0210, -4.4930, -1.1730

Inverse Universe

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



95.3990, 22.3670, 40.6950



111.4570, 34.7880, 63.3960



110.6880, 35.8090, -4.6950



66.8910, 1.9250, 3.6610



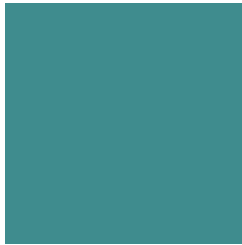
55.4130, 38.0880, 69.6720



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 117.2050, -46.5340, -15.7020 looks on a white background.

Color Contrast Check

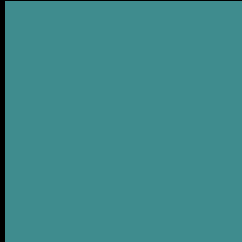
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2050, -46.5340, -15.7020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

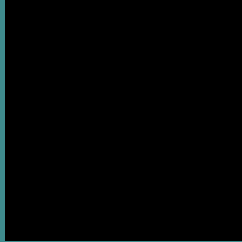
Any Text WCAG AA ✓ Pass

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 117.2050, -46.5340, -15.7020 Background



This preview shows how black text looks on a background with the YIQ color 117.2050, -46.5340, -15.7020.



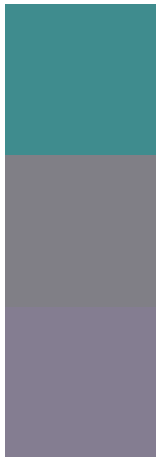
This preview shows how white text looks on a background with the YIQ color 117.2050, -46.5340, -15.7020.

-15.7020.

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

117.2050, -46.5340, -15.7020

Protanopia

128.0970, -1.6510, 2.3890

Deuteranopia

129.3730, -2.2480, 7.7040



Tritanopia

118.4270, -47.0390, -12.0550

Trichromacy



Original Color

117.2050, -46.5340, -15.7020

Protanomaly

124.1980, -18.2930, -4.3810

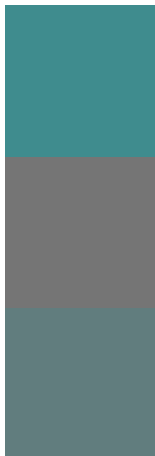
Deuteranomaly

124.7190, -18.2020, -0.5220

Tritanomaly

117.7860, -46.6720, -13.2000

Monochromacy



Original Color

117.2050, -46.5340, -15.7020

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.7420, -17.0090, -5.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2050, -46.5340, -15.7020 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(63, 140, 142)` looks like.

```
.text, #text, p{  
    color:rgb(63, 140, 142)  
}
```

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(63, 140, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 140, 142) }
```

Border

The CSS property to change the border of an element to YIQ 117.2050, -46.5340, -15.7020 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(63, 140, 142) }
```


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

```
.border{ border-color:rgb(63, 140, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 140, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 140, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 140, 142);  
box-shadow:4px 4px 4px 4px rgb(63, 140,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2050, -46.5340, -15.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 140, 142) }
```

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

```
.background{ background-color: rgb(63, 140,  
142) }
```

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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