

Converting Colors

YIQ(115.6730, -48.0920,
-20.5080)

Have a look what the booklet for
YIQ(115.6730, -48.0920, -20.5080)
contains.

YIQ(115.6730, -48.0920, -20.5080)	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(115.6730, -48.0920,
-20.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	398E86
RGB	57, 142, 134
RGB Percent	22%, 56%, 53%
CMY	0.7767, 0.4430, 0.4747
CMYK	0.60, 0.00, 0.06, 0.44
HSL	174°, 43%, 39%
HSV	174°, 60%, 56%
XYZ	15.6624, 21.9449, 25.9473
YIQ	115.6730, -48.0920, -20.5080

Conversions

Conversions Part 2

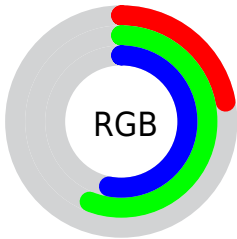
Format	Color
R_{YB}	57, 102, 142
Decimal	3772038
CIE _{Lab}	53.97, -27.47, -3.36
CIE _{LCh}	54, 27.671, 186.976
Yxy	21.9449, 0.2464, 0.3453
Android (android.graphics.Color)	4281962118 (0xFF398E86)
YUV	115.6730, 9.0352, -51.4562
Hunter-Lab	46.8453, -22.2990, -0.0486

Details

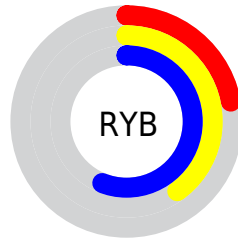
The YIQ color **115.6730, -48.0920, -20.5080** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **83.3270, 48.0920, 20.5080**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1570, -46.5790, -20.3950**, and **63.1070, -52.3100, -21.1580** is the 20% darker color. If you saturate the color by 10%, you get **111.3730, -56.1150, -23.7870**, and if you desaturate by 10%, it is **119.9730, -40.0690, -17.2290**.

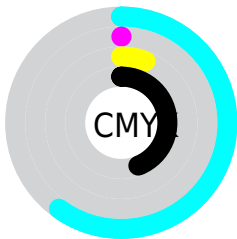
Distribution



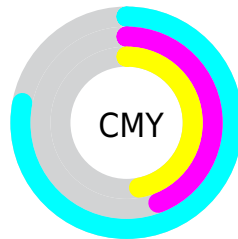
- Red (22%)
- Green (56%)
- Blue (53%)



- Red (22%)
- Yellow (40%)
- Blue (56%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (78%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.6730, -48.0920, -20.5080 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 115.6730, -48.0920, -20.5080 by changing the saturation by 10% instead.

■ 115.6730,
-48.0920, -20.5080

■ 115.6730,
-48.0920, -20.5080

■ 255.0000, -0.0000,
-0.0000

■ 87.6940, -52.5850,
-21.6810

■ 170.1570,
-46.5790, -20.3950

■ 62.9930, -51.9890,
-21.4690

■ 198.1570,
-46.5790, -20.3950

■ 46.2830, -38.0060,
-16.0700

■ 226.7440,
-46.8540, -20.9180

■ 30.3880, -24.9400,
-10.5720

■ 237.9570,
-33.9720, -12.0840

■ 15.6670, -12.4240,
-6.1200

■ 246.6280,
-16.6880, -5.9360

■ 0.0000, 0.0000,
0.0000

■ 115.6730,
-48.0920, -20.5080

■ 115.6730,
-48.0920, -20.5080

■ 111.3730,
-56.1150, -23.7870

■ 119.9730,
-40.0690, -17.2290

■ 106.9590,
-63.8170, -27.3770

■ 124.3870,
-32.3670, -13.6390

■ 102.3600,
-72.4360, -30.8680

■ 128.9860,
-23.7480, -10.1480

■ 98.0600, -80.4590,
-34.1470

■ 133.2860,
-15.7250, -6.8690

■ 137.7000, -8.0230,
-3.2790

■ 142.0000, -0.0000,
-0.0000

■ 146.3000, 8.0230,
3.2790

■ 151.0130, 16.3210,

7.0810

■ 155.3130, 24.3440,
10.3600

Harmonies

Analogous

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



120.1350, -23.1500, -20.9900



115.6730, -48.0920, -20.5080



113.8210, -62.9480, -15.5880

Triad

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



115.6730, -48.0920, -20.5080



131.6260, -4.0380, 18.1220



128.9700, 35.0750, -2.4050

Complementary

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



115.6730, -48.0920, -20.5080



83.3270, 48.0920, 20.5080

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.



130.4580, 39.9330, 8.6770



115.6730, -48.0920, -20.5080



132.8260, 18.8860, 21.1740

Square

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



115.6730, -48.0920, -20.5080



127.1820, -29.3910, 9.5290



131.6180, 33.9710, 17.6110



126.8170, 21.9640, -12.5960

Rectangle

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



115.6730, -48.0920, -20.5080



117.2010, -57.9060, -7.8420



131.6180, 33.9710, 17.6110



129.7470, 37.3210, 0.9450

Sweetspot

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



115.6730, -48.0920, -20.5080



173.6770, -18.3840, -8.2400



109.2870, -18.6070, -42.7590



85.7920, -11.2780, -4.8620



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.



115.6730, -48.0920, -20.5080



142.7510, -75.0950, -32.2390



96.6270, -41.3100, -0.2380



68.9070, -4.1720, -1.4840



93.1530, -76.2870, -32.6630



5.4940, -4.4470, -2.0070

Inverse Universe

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



83.3270, 48.0920, 20.5080



92.2490, 75.0950, 32.2390



102.3730, 41.3100, 0.2380



66.2070, 3.8510, 1.7950



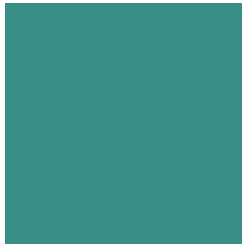
41.8470, 76.2870, 32.6630



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 115.6730, -48.0920, -20.5080 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 115.6730, -48.0920, -20.5080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

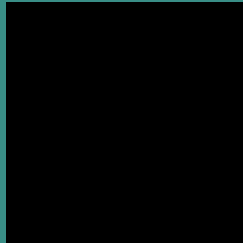
Any Text WCAG AA ✓ Pass

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 115.6730, -48.0920, -20.5080 Background



This preview shows how black text looks on a background with the YIQ color 115.6730, -48.0920, -20.5080.



This preview shows how white text looks on a background with the YIQ color 115.6730, -48.0920, -20.5080.

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

115.6730, -48.0920, -20.5080

Protanopia

128.6690, 2.4300, 0.0140

Deuteranopia

129.7710, 2.3830, 6.3750



Tritanopia

118.5300, -48.8270, -12.6910

Trichromacy



Original Color

115.6730, -48.0920, -20.5080

Protanomaly

123.8730, -16.0000, -7.3920

Deuteranomaly

124.5080, -16.2300, -3.2220

Tritanomaly

117.5360, -48.9640, -15.7160

Monochromacy



Original Color

115.6730, -48.0920, -20.5080

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8020, -17.2380, -6.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.6730, -48.0920, -20.5080 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(57, 142, 134)` looks like.

```
.text, #text, p{  
    color:rgb(57, 142, 134)  
}
```

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(57, 142, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 142, 134) }
```

Border

The CSS property to change the border of an element to YIQ 115.6730, -48.0920, -20.5080 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(57, 142, 134) }
```


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

```
.border{ border-color:rgb(57, 142, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 142, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 142, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 142, 134);  
box-shadow:4px 4px 4px 4px rgb(57, 142,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 115.6730, -48.0920, -20.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 142, 134) }
```

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

```
.background{ background-color: rgb(57, 142,  
134) }
```

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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