

Converting Colors

YIQ(114.1480, -33.1920,
-15.2080)

Have a look what the booklet for
YIQ(114.1480, -33.1920, -15.2080)
contains.

YIQ(114.1480, -33.1920, -15.2080)	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(114.1480, -33.1920,
-15.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	49857D
RGB	73, 133, 125
RGB Percent	29%, 52%, 49%
CMY	0.7139, 0.4783, 0.5099
CMYK	0.45, 0.00, 0.06, 0.48
HSL	172°, 29%, 40%
HSV	172°, 45%, 52%
XYZ	14.8354, 19.6768, 22.4074
YIQ	114.1480, -33.1920, -15.2080

Conversions

Conversions Part 2

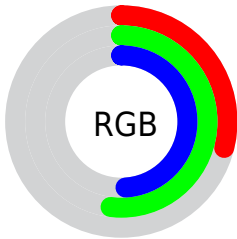
Format	Color
R_{YB}	73, 105, 133
Decimal	4818301
CIE _{Lab}	51.47, -21.61, -1.75
CIE _{LCh}	51, 21.680, 184.635
Yxy	19.6768, 0.2606, 0.3457
Android (android.graphics.Color)	4283008381 (0xFF49857D)
YUV	114.1480, 5.3500, -36.0868
Hunter-Lab	44.3585, -17.9294, 1.1011

Details

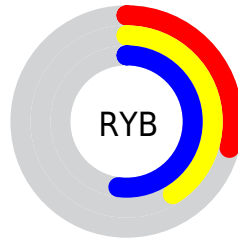
The YIQ color **114.1480, -33.1920, -15.2080** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **91.8520, 33.1920, 15.2080**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8490, -33.7880, -15.4200**, and **62.7670, -36.4930, -15.9570** is the 20% darker color. If you saturate the color by 10%, you get **110.0330, -40.2980, -18.5860**, and if you desaturate by 10%, it is **118.2630, -26.0860, -11.8300**.

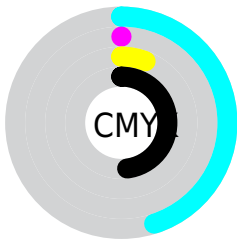
Distribution



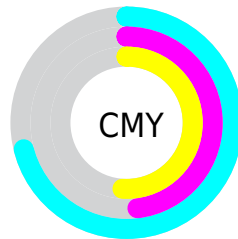
- Red (29%)
- Green (52%)
- Blue (49%)



- Red (29%)
- Yellow (41%)
- Blue (52%)



- Cyan (45%)
- Magenta (0%)
- Yellow (6%)
- Black (48%)



- Cyan (71%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.1480, -33.1920, -15.2080 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 114.1480, -33.1920, -15.2080 by changing the saturation by 10% instead.

■ 114.1480,
-33.1920, -15.2080

■ 114.1480,
-33.1920, -15.2080

■ 255.0000, -0.0000,
-0.0000

■ 88.8490, -33.7880,
-15.4200

■ 166.7350,
-33.4670, -15.7310

■ 62.7670, -36.4930,
-15.9570

■ 194.4360,
-34.0630, -15.9430

■ 41.3760, -33.8340,
-14.5860

■ 223.0230,
-34.3380, -16.4660

■ 25.9540, -20.7220,
-9.9220

■ 240.9470,
-28.0120, -9.9640

■ 6.8960, -5.6390,
-2.4310

■ 249.6180,
-10.7280, -3.8160

■ 0.0000, 0.0000,
0.0000

■ 114.1480,
-33.1920, -15.2080

■ 114.1480,
-33.1920, -15.2080

■ 110.0330,
-40.2980, -18.5860

■ 118.2630,
-26.0860, -11.8300

■ 105.6190,
-48.0000, -22.1760

■ 122.6770,
-18.3840, -8.2400

■ 101.6180,
-55.4270, -25.2430

■ 126.6780,
-10.9570, -5.1730

■ 97.5030, -62.5330,
-28.6210

■ 130.7930, -3.8510,
-1.7950

■ 93.0890, -70.2350,
-32.2110

■ 134.9080, 3.2550,
1.5830

■ 91.1810, -73.4900,
-33.7940

■ 139.3220, 10.9570,
5.1730

■ 143.3230, 18.3840,
8.2400

■ 147.4380, 25.4900,

11.6180

■ 151.8520, 33.1920,
15.2080

Harmonies

Analogous

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



117.0760, -15.4940, -16.5660



114.1480, -33.1920, -15.2080



113.5200, -42.8670, -10.5710

Triad

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



114.1480, -33.1920, -15.2080



124.6920, -4.4040, 13.7400



122.9030, 28.0140, -1.0900

Complementary

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



114.1480, -33.1920, -15.2080



91.8520, 33.1920, 15.2080

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.



124.3260, 31.4970, 7.3770



114.1480, -33.1920, -15.2080



125.5540, 13.6600, 16.7640

Square

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



114.1480, -33.1920, -15.2080



121.1240, -23.4760, 6.9560



125.2040, 26.2690, 14.0210



121.1850, 18.1120, -8.8640

Rectangle

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



114.1480, -33.1920, -15.2080



115.1660, -41.6300, -5.4540



125.2040, 26.2690, 14.0210



123.2670, 29.9850, 1.7370

Sweetspot

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



114.1480, -33.1920, -15.2080



165.4820, -13.3410, -6.0210



110.9110, -11.1360, -29.4720



82.2870, -8.2980, -3.8020



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



114.1480, -33.1920, -15.2080



143.8250, -51.5760, -23.4480



102.7330, -29.9850, -1.7370



64.0920, -3.2550, -1.5830



89.1920, -72.0230, -32.8470



1.9890, -1.4670, -0.9470

Inverse Universe

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



91.8520, 33.1920, 15.2080



109.1750, 51.5760, 23.4480



103.2670, 29.9850, 1.7370



61.9080, 3.2550, 1.5830



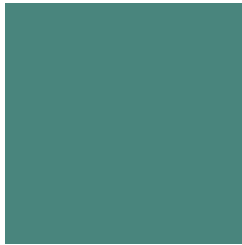
40.8080, 72.0230, 32.8470



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 114.1480, -33.1920, -15.2080 looks on a white background.

Color Contrast Check

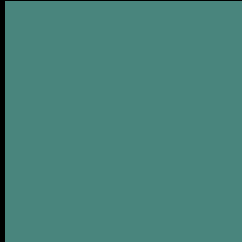
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.1480, -33.1920, -15.2080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

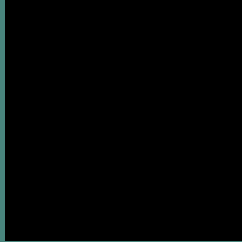
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

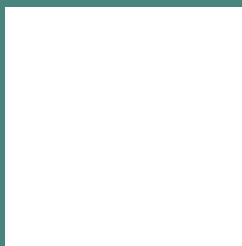
Any Text WCAG AAA × Fail

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

YIQ 114.1480, -33.1920, -15.2080 Background



This preview shows how black text looks on a background with the YIQ color 114.1480, -33.1920, -15.2080.



This preview shows how white text looks on a background with the YIQ color 114.1480, -33.1920, -15.2080.

-15.2080.

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

114.1480, -33.1920, -15.2080

Protanopia

122.4410, 3.0720, -0.6080

Deuteranopia

123.0270, 4.5380, 5.8660



Tritanopia

116.2930, -34.7980, -8.1260

Trichromacy



Original Color

114.1480, -33.1920, -15.2080

Protanomaly

119.4500, -10.3150, -5.7950

Deuteranomaly

119.5690, -9.0320, -1.5120

Tritanomaly

115.5980, -34.3390, -10.9390

Monochromacy



Original Color

114.1480, -33.1920, -15.2080

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0800, -12.1490, -5.5970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.1480, -33.1920, -15.2080 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, 133, 125)` looks like.

```
.text, #text, p{  
    color:rgb(73, 133, 125)  
}
```

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, 133, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 133, 125) }
```

Border

The CSS property to change the border of an element to YIQ 114.1480, -33.1920, -15.2080 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, 133, 125) }
```


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

```
.border{ border-color:rgb(73, 133, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 133, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 133, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 133, 125);  
box-shadow:4px 4px 4px 4px rgb(73, 133,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 114.1480, -33.1920, -15.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 133, 125) }
```

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

```
.background{ background-color: rgb(73, 133,  
125) }
```

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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