

Converting Colors

YIQ(115.2400, 24.3060,
-33.0220)

Have a look what the booklet for
YIQ(115.2400, 24.3060, -33.0220)
contains.

YIQ(115.2400, 24.3060, -33.0220)	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(115.2400, 24.3060,
-33.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	768220
RGB	118, 130, 32
RGB Percent	46%, 51%, 13%
CMY	0.5373, 0.4902, 0.8743
CMYK	0.09, 0.00, 0.75, 0.49
HSL	67°, 60%, 32%
HSV	67°, 75%, 51%
XYZ	15.7127, 19.9210, 4.3866
YIQ	115.2400, 24.3060, -33.0220

Conversions

Conversions Part 2

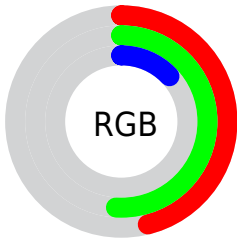
Format	Color
R_{YB}	32, 130, 44
Decimal	7766560
CIE _{Lab}	51.75, -17.60, 48.24
CIE _{LCh}	52, 51.355, 110.044
Yxy	19.9210, 0.3926, 0.4978
Android (android.graphics.Color)	4285956640 (0xFF768220)
YUV	115.2400, -41.0373, 2.4205
Hunter-Lab	44.6330, -15.2681, 25.4159

Details

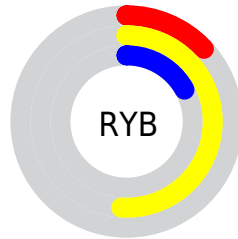
The YIQ color **115.2400, 24.3060, -33.0220** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **46.7600, -24.3060, 33.0220**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7240, 25.8190, -32.9090**, and **67.2810, 17.0610, -28.3710** is the 20% darker color. If you saturate the color by 10%, you get **113.1600, 27.2870, -37.4890**, and if you desaturate by 10%, it is **117.3200, 21.3250, -28.5550**.

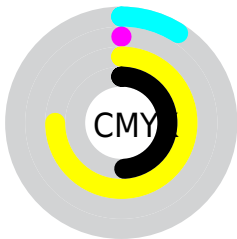
Distribution



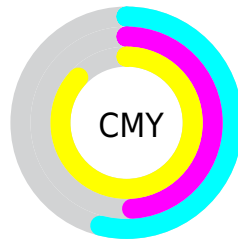
- Red (46%)
- Green (51%)
- Blue (13%)



- Red (13%)
- Yellow (51%)
- Blue (17%)



- Cyan (9%)
- Magenta (0%)
- Yellow (75%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.2400, 24.3060, -33.0220 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 115.2400, 24.3060, -33.0220 by changing the saturation by 10% instead.

■ 115.2400, 24.3060,
-33.0220

■ 115.2400, 24.3060,
-33.0220

■ 255.0000, -0.0000,
-0.0000

■ 89.1430, 25.9570,
-35.4110

■ 168.7240, 25.8190,
-32.9090

■ 67.2810, 17.0610,
-28.3710

■ 195.9090, 26.7360,
-33.0080

■ 46.3050, 8.4860,
-21.6420

■ 224.6810, 27.3780,
-33.6300

■ 25.9160, -0.3640,
-15.4360

■ 244.6260, 29.2110,
-28.3010

■ 7.0440, -3.3000,
-6.2760

■ 247.7040, 20.5440,
-19.9040

■ 0.0000, 0.0000,
0.0000

■ 251.0100, 11.2350,

-10.8850

254.3160, 1.9260,
-1.8660

115.2400, 24.3060,
-33.0220

115.2400, 24.3060,
-33.0220

113.1600, 27.2870,
-37.4890

117.3200, 21.3250,
-28.5550

111.3790, 30.8640,
-41.7440

119.1010, 17.7480,
-24.3000

110.3960, 32.1940,
-43.8220

121.1810, 14.7670,
-19.8330

122.9620, 11.1900,
-15.5780

125.0420, 8.2090,
-11.1110

■ 127.1220, 5.2280,
-6.6440

■ 128.9030, 1.6510,
-2.3890

■ 130.9830, -1.3300,
2.0780

■ 132.7640, -4.9070,
6.3330

Harmonies

Analogous

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



119.0530, 53.2340, -17.6300



115.2400, 24.3060, -33.0220



108.0250, -20.6250, -39.2250

Triad

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



115.2400, 24.3060, -33.0220



104.4270, -99.7650, -14.6530



123.8720, 48.7760, 41.1600

Complementary

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



115.2400, 24.3060, -33.0220



46.7600, -24.3060, 33.0220

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.



127.0710, 11.5470, 38.5470



115.2400, 24.3060, -33.0220



102.0110, -103.9850, -4.2490

Square

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



115.2400, 24.3060, -33.0220



101.8560, -88.3920, -28.0400



121.7530, -40.7640, 22.9160



120.9490, 67.0720, 28.9600

Rectangle

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



115.2400, 24.3060, -33.0220



93.8420, -68.5820, -45.6540



121.7530, -40.7640, 22.9160



125.4240, 38.4140, 41.7260

Sweetspot

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



115.2400, 24.3060, -33.0220



162.4720, 9.8140, -12.6660



67.7590, 55.3830, 15.0230



80.4810, 5.5950, -7.7890



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



115.2400, 24.3060, -33.0220



145.4040, 37.7430, -50.7770



100.8880, -4.3020, -43.1980



62.9030, 1.6510, -2.3890



108.6240, 31.5520, -43.2000



0.0000, 0.0000, 0.0000

Inverse Universe

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



46.7600, -24.3060, 33.0220



39.5960, -37.7430, 50.7770



61.1120, 4.3020, 43.1980



58.0970, -1.6510, 2.3890



19.3760, -31.5520, 43.2000



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 115.2400, 24.3060, -33.0220 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 115.2400, 24.3060, -33.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

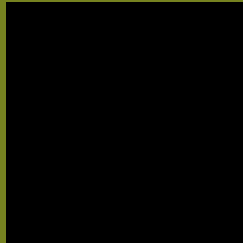
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 115.2400, 24.3060, -33.0220

Background



This preview shows how black text looks on a background with the YIQ color 115.2400, 24.3060, -33.0220.



This preview shows how white text looks on a background with the YIQ color 115.2400, 24.3060,

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

115.2400, 24.3060, -33.0220

Protanopia

117.4700, 38.5180, -26.2660

Deuteranopia

119.0570, 47.4110, -16.7250



Tritanopia

123.9340, 0.3660, 4.3820

Trichromacy



Original Color

115.2400, 24.3060, -33.0220

Protanomaly

116.6650, 33.4750, -28.4850

Deuteranomaly

117.8770, 38.9300, -22.7180

Tritanomaly

120.6940, 9.3090, -9.0190

Monochromacy



Original Color

115.2400, 24.3060, -33.0220

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.8140, 8.8510, -11.7330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.2400, 24.3060, -33.0220 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(118, 130, 32)` looks like.

```
.text, #text, p{  
    color:rgb(118, 130, 32)  
}
```

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(118, 130, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 130, 32) }
```

Border

The CSS property to change the border of an element to YIQ 115.2400, 24.3060, -33.0220 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(118, 130, 32) }
```


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

```
.border{ border-color:rgb(118, 130, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 130, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 130, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 130, 32);  
box-shadow:4px 4px 4px 4px rgb(118, 130,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 115.2400, 24.3060, -33.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 130, 32) }
```

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

```
.background{ background-color: rgb(118,  
130, 32) }
```

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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