

Converting Colors

YIQ(111.6170, 33.4300,
-33.1780)

Have a look what the booklet for
YIQ(111.6170, 33.4300, -33.1780)
contains.

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Color

**YIQ(111.6170, 33.4300,
-33.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7C12
RGB	123, 124, 18
RGB Percent	48%, 49%, 7%
CMY	0.5177, 0.5137, 0.9292
CMYK	0.01, 0.00, 0.85, 0.51
HSL	61°, 75%, 28%
HSV	61°, 85%, 49%
XYZ	15.4832, 18.6689, 3.3620
YIQ	111.6170, 33.4300, -33.1780

Conversions

Conversions Part 2

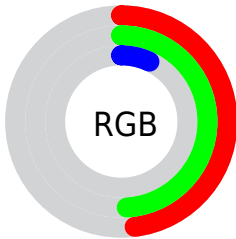
Format	Color
R_YB	18, 124, 19
Decimal	8092690
CIE Lab	50.30, -12.69, 51.56
CIE LCh	50, 53.101, 103.830
Yxy	18.6689, 0.4127, 0.4976
Android (android.graphics.Color)	4286282770 (0xFF7B7C12)
YUV	111.6170, -46.1532, 9.9829
Hunter-Lab	43.2075, -11.6485, 25.6318

Details

The YIQ color **111.6170, 33.4300, -33.1780** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **30.3830, -33.4300, 33.1780**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9700, 33.9340, -31.2980**, and **65.2540, 21.6910, -24.1730** is the 20% darker color. If you saturate the color by 10%, you get **110.2490, 37.2820, -36.9100**, and if you desaturate by 10%, it is **112.9850, 29.5780, -29.4460**.

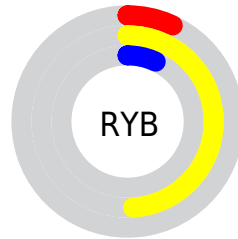
Distribution



Red (48%)

Green (49%)

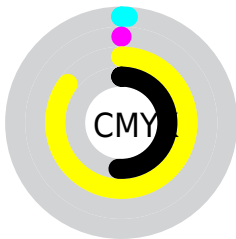
Blue (7%)



Red (7%)

Yellow (49%)

Blue (7%)

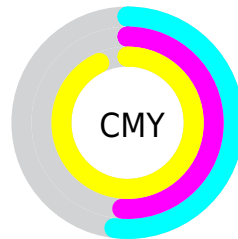


Cyan (1%)

Magenta (0%)

Yellow (85%)

Black (51%)



Cyan (52%)

Magenta (51%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.6170, 33.4300, -33.1780 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 111.6170, 33.4300, -33.1780 by changing the saturation by 10% instead.

■ 111.6170, 33.4300,
-33.1780

■ 111.6170, 33.4300,
-33.1780

■ 255.0000, -0.0000,
-0.0000

■ 86.8170, 29.9910,
-31.4250

■ 164.9700, 33.9340,
-31.2980

■ 65.2540, 21.6910,
-24.1730

■ 193.0410, 35.1720,
-31.7080

■ 44.5660, 12.2450,
-18.1790

■ 221.1120, 36.4100,
-32.1180

■ 24.7640, 3.1200,
-12.4960

■ 243.3720, 32.7420,
-31.7220

■ 1.1740, -0.5500,
-1.0460

■ 246.5640, 23.7540,
-23.0140

■ 0.0000, 0.0000,
0.0000

■ 249.7560, 14.7660,

-14.3060

■ 253.0620, 5.4570,
-5.2870

■ 111.6170, 33.4300,
-33.1780

■ 111.6170, 33.4300,
-33.1780

■ 110.2490, 37.2820,
-36.9100

■ 112.9850, 29.5780,
-29.4460

■ 109.5650, 39.2080,
-38.7760

■ 114.4670, 25.4050,
-25.4030

■ 115.8350, 21.5530,
-21.6710

■ 117.3170, 17.3800,
-17.6280

■ 118.9840, 14.1240,
-13.6840

■ 120.3520, 10.2720,
-9.9520

■ 121.8340, 6.0990,
-5.9090

■ 123.2020, 2.2470,
-2.1770

■ 124.6840, -1.9260,
1.8660

Harmonies

Analogous

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



115.5700, 59.1480, -14.6760



111.6170, 33.4300, -33.1780



105.5870, -10.5840, -39.4800

Triad

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



111.6170, 33.4300, -33.1780



102.2270, -96.3260, -16.4060



120.1150, 43.7780, 43.6340

Complementary

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



111.6170, 33.4300, -33.1780



30.3830, -33.4300, 33.1780

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.



123.1670, 2.4690, 37.8690



111.6170, 33.4300, -33.1780



100.9680, -102.4260, -4.9700

Square

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



111.6170, 33.4300, -33.1780



98.7270, -83.7150, -30.2030



113.3100, -58.6900, 17.3900



117.1110, 66.7960, 33.9640

Rectangle

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



111.6170, 33.4300, -33.1780



89.8980, -62.9880, -47.9160



113.3100, -58.6900, 17.3900



121.6560, 31.9490, 43.2530

Sweetspot

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



111.6170, 33.4300, -33.1780



155.9130, 12.8860, -13.2740



49.6940, 63.1760, 22.4720



78.7370, 7.7500, -8.2980



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



111.6170, 33.4300, -33.1780



142.0480, 50.4890, -50.4950



96.0690, 2.4380, -44.2020



60.3160, 1.9260, -1.8660



110.4510, 39.5290, -39.0870



222.6740, 79.7000, -78.7960

Inverse Universe

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



30.3830, -33.4300, 33.1780



18.9520, -50.4890, 50.4950



45.9310, -2.4380, 44.2020



55.6840, -1.9260, 1.8660



14.5490, -39.5290, 39.0870



29.3260, -79.7000, 78.7960

Previews

White Background



This preview shows how the YIQ color 111.6170, 33.4300, -33.1780 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 111.6170, 33.4300, -33.1780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

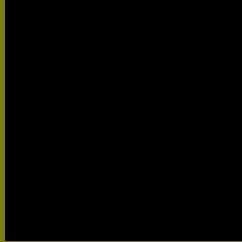
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 111.6170, 33.4300, -33.1780

Background



This preview shows how black text looks on a background with the YIQ color 111.6170, 33.4300, -33.1780.



This preview shows how white text looks on a background with the YIQ color 111.6170, 33.4300, -33.1780.

-33.1780.

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

111.6170, 33.4300, -33.1780

Protanopia

112.7430, 42.0030, -28.8530

Deuteranopia

114.9170, 50.6210, -19.8350



Tritanopia

120.8100, 6.6470, 6.1910

Trichromacy



Original Color

111.6170, 33.4300, -33.1780

Protanomaly

112.1340, 39.3440, -30.2240

Deuteranomaly

113.9330, 44.5240, -24.9800

Tritanomaly

117.2280, 16.5530, -8.1430

Monochromacy



Original Color

111.6170, 33.4300, -33.1780

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.6680, 12.1980, -11.8180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.6170, 33.4300, -33.1780 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(123, 124, 18)` looks like.

```
.text, #text, p{  
    color:rgb(123, 124, 18)  
}
```

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(123, 124, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 124, 18) }
```

Border

The CSS property to change the border of an element to YIQ 111.6170, 33.4300, -33.1780 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(123, 124, 18) }
```


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

```
.border{ border-color:rgb(123, 124, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 124, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 124, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 124, 18);  
box-shadow:4px 4px 4px 4px rgb(123, 124,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 111.6170, 33.4300, -33.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 124, 18) }
```

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

```
.background{ background-color: rgb(123,  
124, 18) }
```

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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