

Converting Colors

YIQ(115.6190, 31.0890,
-18.2790)

Have a look what the booklet for
YIQ(115.6190, 31.0890, -18.2790)
contains.

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Color

**YIQ(115.6190, 31.0890,
-18.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	867732
RGB	134, 119, 50
RGB Percent	53%, 47%, 20%
CMY	0.4745, 0.5333, 0.8037
CMYK	0.00, 0.11, 0.63, 0.47
HSL	49°, 46%, 36%
HSV	49°, 63%, 53%
XYZ	17.0040, 18.4910, 5.6956
YIQ	115.6190, 31.0890, -18.2790

Conversions

Conversions Part 2

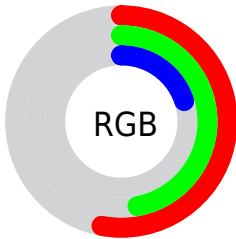
Format	Color
R_{YB}	68, 134, 50
Decimal	8812338
CIE _{Lab}	50.09, -3.12, 39.14
CIE _{LCh}	50, 39.268, 94.557
Yxy	18.4910, 0.4128, 0.4489
Android (android.graphics.Color)	4287002418 (0xFF867732)
YUV	115.6190, -32.3502, 16.1201
Hunter-Lab	43.0011, -4.6676, 22.2477

Details

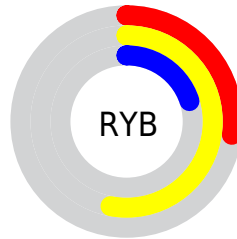
The YIQ color **115.6190, 31.0890, -18.2790** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.3810, -31.0890, 18.2790**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1740, 33.8400, -18.5760**, and **66.1950, 29.3470, -19.7490** is the 20% darker color. If you saturate the color by 10%, you get **112.9630, 35.8120, -21.2760**, and if you desaturate by 10%, it is **118.2750, 26.3660, -15.2820**.

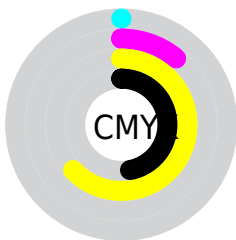
Distribution



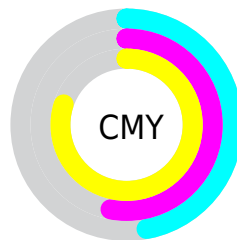
- Red (53%)
- Green (47%)
- Blue (20%)



- Red (27%)
- Yellow (53%)
- Blue (20%)



- Cyan (0%)
- Magenta (11%)
- Yellow (63%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.6190, 31.0890, -18.2790 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 115.6190, 31.0890, -18.2790 by changing the saturation by 10% instead.

■ 115.6190, 31.0890,
-18.2790

■ 115.6190, 31.0890,
-18.2790

■ 255.0000, -0.0000,
-0.0000

■ 90.1350, 29.5760,
-18.3920

■ 168.1740, 33.8400,
-18.5760

■ 66.1950, 29.3470,
-19.7490

■ 195.6580, 35.3530,
-18.4630

■ 45.8060, 20.4970,
-13.5430

■ 223.7290, 36.5910,
-18.8730

■ 26.0040, 11.3720,
-7.8600

■ 246.3360, 24.3960,
-23.6360

■ 0.5870, -0.2750,
-0.5230

■ 249.4140, 15.7290,
-15.2390

■ 0.0000, 0.0000,
0.0000

■ 252.7200, 6.4200,

-6.2200

■ 115.6190, 31.0890,
-18.2790

■ 115.6190, 31.0890,
-18.2790

■ 112.9630, 35.8120,
-21.2760

■ 118.2750, 26.3660,
-15.2820

■ 109.6060, 41.1310,
-24.0610

■ 121.6320, 21.0470,
-12.4970

■ 106.9500, 45.8540,
-27.0580

■ 124.2880, 16.3240,
-9.5000

■ 104.6360, 49.6140,
-29.1220

■ 127.6450, 11.0050,
-6.7150

■ 130.3010, 6.2820,
-3.7180

■ 132.9570, 1.5590,
-0.7210

■ 136.3140, -3.7600,
2.0640

■ 138.9700, -8.4830,
5.0610

■ 142.3270,
-13.8020, 7.8460

Harmonies

Analogous

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



117.9730, 48.1880, -3.2680



115.6190, 31.0890, -18.2790



111.8050, 3.9020, -26.6740

Triad

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



115.6190, 31.0890, -18.2790



97.0290, -87.2010, -22.0890



122.2600, 23.8360, 30.5880

Complementary

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



115.6190, 31.0890, -18.2790



68.3810, -31.0890, 18.2790

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.



121.5040, -9.2660, 24.7660



115.6190, 31.0890, -18.2790



96.7160, -93.2090, -12.3210

Square

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



115.6190, 31.0890, -18.2790



93.8540, -76.8830, -32.8750



113.1610, -51.2610, 9.4030



120.6460, 45.9360, 26.5440

Rectangle

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



115.6190, 31.0890, -18.2790



107.7190, -19.3430, -29.4150



113.1610, -51.2610, 9.4030



123.0570, 14.1620, 29.6980

Sweetspot

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



115.6190, 31.0890, -18.2790



166.3030, 11.9680, -7.6480



76.8260, 45.2490, 22.4730



82.3720, 7.5200, -4.1280



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.



115.6190, 31.0890, -18.2790



144.6790, 48.0550, -28.4010



116.3510, 10.8720, -31.8480



64.7290, 2.2010, -1.3430



101.6790, 48.0550, -28.4010



2.0710, 1.2380, -0.4100

Inverse Universe

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



68.3810, -31.0890, 18.2790



71.9080, -48.3300, 27.8780



67.6490, -10.8720, 31.8480



61.2710, -2.2010, 1.3430



28.3210, -48.0550, 28.4010



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 115.6190, 31.0890, -18.2790 looks on a white background.

Color Contrast Check

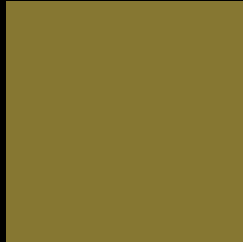
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.6190, 31.0890, -18.2790 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 115.6190, 31.0890, -18.2790

Background



This preview shows how black text looks on a background with the YIQ color 115.6190, 31.0890, -18.2790.



This preview shows how white text looks on a background with the YIQ color 115.6190, 31.0890,

-18.2790.

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

115.6190, 31.0890, -18.2790

Protanopia

115.3200, 30.4930, -18.4910

Deuteranopia

116.5110, 40.4410, -11.5510



Tritanopia

121.2840, 14.1200, 8.4240

Trichromacy



Original Color

115.6190, 31.0890, -18.2790

Protanomaly

115.3200, 30.4930, -18.4910

Deuteranomaly

116.0760, 37.2320, -13.9680

Tritanomaly

119.5970, 20.1280, -1.3440

Monochromacy



Original Color

115.6190, 31.0890, -18.2790

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9440, 11.6010, -6.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.6190, 31.0890, -18.2790 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(134, 119, 50)` looks like.

```
.text, #text, p{  
    color:rgb(134, 119, 50)  
}
```

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(134, 119, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 119, 50) }
```

Border

The CSS property to change the border of an element to YIQ 115.6190, 31.0890, -18.2790 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(134, 119, 50) }
```


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

```
.border{ border-color:rgb(134, 119, 50) }
```

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

Here you see how a box with a 4 pixel rgb(134, 119, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 119, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 119, 50);  
box-shadow:4px 4px 4px 4px rgb(134, 119,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 115.6190, 31.0890, -18.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 119, 50) }
```

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

```
.background{ background-color: rgb(134,  
119, 50) }
```

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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