

Converting Colors

YIQ(136.8180, -15.3080,
-30.9560)

Have a look what the booklet for
YIQ(136.8180, -15.3080, -30.9560)
contains.

YIQ(136.8180, -15.3080, -30.9560)	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(136.8180, -15.3080,
-30.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	67A165
RGB	103, 161, 101
RGB Percent	40%, 63%, 40%
CMY	0.5963, 0.3685, 0.6039
CMYK	0.36, 0.00, 0.37, 0.37
HSL	118°, 24%, 51%
HSV	118°, 37%, 63%
XYZ	20.6863, 29.3186, 16.8798
YIQ	136.8180, -15.3080, -30.9560

Conversions

Conversions Part 2

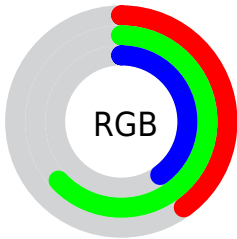
Format	Color
R_{YB}	101, 161, 159
Decimal	6791525
CIE _{Lab}	61.06, -31.40, 25.43
CIE _{LCh}	61, 40.407, 141.006
Yxy	29.3186, 0.3093, 0.4383
Android (android.graphics.Color)	4284981605 (0xFF67A165)
YUV	136.8180, -17.6583, -29.6584
Hunter-Lab	54.1467, -26.5623, 19.4195

Details

The YIQ color **136.8180, -15.3080, -30.9560** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **125.1820, 15.3080, 30.9560**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8780, -15.5370, -32.3130**, and **85.5730, -15.9960, -29.5000** is the 20% darker color. If you saturate the color by 10%, you get **130.2100, -19.7080, -39.3240**, and if you desaturate by 10%, it is **143.4260, -10.9080, -22.5880**.

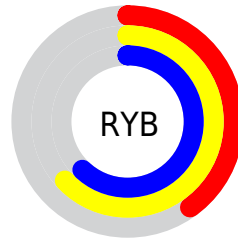
Distribution



Red (40%)

Green (63%)

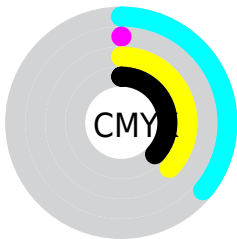
Blue (40%)



Red (40%)

Yellow (63%)

Blue (62%)

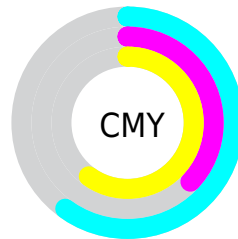


Cyan (36%)

Magenta (0%)

Yellow (37%)

Black (37%)



Cyan (60%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8180, -15.3080, -30.9560 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 136.8180, -15.3080, -30.9560 by changing the saturation by 10% instead.

■ 136.8180,
-15.3080, -30.9560

■ 136.8180,
-15.3080, -30.9560

■ 255.0000, -0.0000,
-0.0000

■ 111.0460,
-15.9500, -30.3340

■ 190.8780,
-15.5370, -32.3130

■ 85.5730, -15.9960,
-29.5000

■ 219.2370,
-15.1700, -33.4580

■ 60.3170, -18.1510,
-28.9910

■ 236.6710,
-10.2200, -24.0440

■ 36.1320, -19.0680,
-28.8920

■ 248.6480, -2.2450,
-8.8770

■ 22.8930, -10.7250,
-20.3970

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,

0.0000

■ 136.8180,
-15.3080, -30.9560

■ 136.8180,
-15.3080, -30.9560

■ 130.2100,
-19.7080, -39.3240

■ 143.4260,
-10.9080, -22.5880

■ 123.9010,
-23.5120, -47.4800

■ 149.7350, -7.1040,
-14.4320

■ 117.2930,
-27.9120, -55.8480

■ 156.3430, -2.7040,
-6.0640

■ 110.9840,
-31.7160, -64.0040


■ 162.6520, 1.1000,
2.0920


■ 104.2620,
-35.7950, -72.6830


■ 169.3740, 5.1790,
10.7710


■ 97.6540, -40.1950,
-81.0510

■ 175.6830, 8.9830,
18.9270

 96.0020, -41.2950,
-83.1430

 182.2910, 13.3830,
27.2950

 188.8990, 17.7830,
35.6630

 195.2080, 21.5870,
43.8190

Harmonies

Analogous

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



141.8730, 18.3900, -24.9220



136.8180, -15.3080, -30.9560



125.9990, -61.2940, -34.5580

Triad

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



136.8180, -15.3080, -30.9560



134.2720, -73.8630, 0.5130



149.1600, 55.9320, 21.5960

Complementary

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



136.8180, -15.3080, -30.9560



125.1820, 15.3080, 30.9560

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.



150.5840, 40.4790, 31.8310



136.8180, -15.3080, -30.9560



147.8160, -27.8800, 20.6960

Square

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



136.8180, -15.3080, -30.9560



118.1220, -109.3920, -21.9040



151.8440, 10.4480, 30.9280



147.3210, 56.2560, 4.7040

Rectangle

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



136.8180, -15.3080, -30.9560



115.6820, -97.0100, -37.0580



151.8440, 10.4480, 30.9280



148.9410, 52.3550, 25.8510

Sweetspot

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



136.8180, -15.3080, -30.9560



199.8000, -5.7290, -11.8170



152.9860, 19.8100, -17.6140



99.2180, -3.8500, -7.3220



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



136.8180, -15.3080, -30.9560



171.0750, -24.0620, -48.5260



139.4120, -25.4880, -22.6720



78.5820, -1.8790, -4.4950



86.6100, -36.8950, -74.7750



10.8650, -4.3540, -9.2020

Inverse Universe

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



125.1820, 15.3080, 30.9560



152.9250, 24.0620, 48.5260



122.5880, 25.4880, 22.6720



76.4180, 1.8790, 4.4950



58.6890, 37.4910, 74.9870



7.1350, 4.3540, 9.2020

Previews

White Background



This preview shows how the YIQ color 136.8180, -15.3080, -30.9560 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 136.8180, -15.3080, -30.9560 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 136.8180, -15.3080, -30.9560 Background



This preview shows how black text looks on a background with the YIQ color 136.8180, -15.3080, -30.9560.



This preview shows how white text looks on a background with the YIQ color 136.8180, -15.3080, -30.9560.

-30.9560.

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

136.8180, -15.3080, -30.9560

Protanopia

144.6600, 23.8440, -13.6280

Deuteranopia

146.8770, 30.9030, -3.8890



Tritanopia

143.0060, -26.5000, -4.3240

Trichromacy



Original Color

136.8180, -15.3080, -30.9560

Protanomaly

141.8430, 9.9070, -19.8610

Deuteranomaly

142.9840, 14.1240, -13.6840

Tritanomaly

140.9490, -22.3260, -13.8940

Monochromacy



Original Color

136.8180, -15.3080, -30.9560

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2130, -5.4540, -11.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8180, -15.3080, -30.9560 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(103, 161, 101)` looks like.

```
.text, #text, p{  
    color:rgb(103, 161, 101)  
}
```

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(103, 161, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 161, 101) }
```

Border

The CSS property to change the border of an element to YIQ 136.8180, -15.3080, -30.9560 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(103, 161, 101) }
```


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

```
.border{ border-color:rgb(103, 161, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 161, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 161, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 161, 101);  
box-shadow:4px 4px 4px 4px rgb(103, 161,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8180, -15.3080, -30.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 161, 101) }
```

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

```
.background{ background-color: rgb(103,  
161, 101) }
```

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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