

Converting Colors

YIQ(136.4460, 12.7030,
-15.4650)

Have a look what the booklet for
YIQ(136.4460, 12.7030, -15.4650)
contains.

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Color

**YIQ(136.4460, 12.7030,
-15.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8F60
RGB	139, 143, 96
RGB Percent	55%, 56%, 38%
CMY	0.4549, 0.4392, 0.6234
CMYK	0.03, 0.00, 0.33, 0.44
HSL	65°, 20%, 47%
HSV	65°, 33%, 56%
XYZ	22.5808, 25.9784, 14.8959
YIQ	136.4460, 12.7030, -15.4650

Conversions

Conversions Part 2

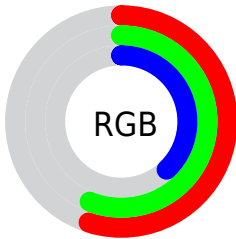
Format	Color
R_{YB}	96, 143, 100
Decimal	9146208
CIE _{Lab}	58.02, -9.36, 24.56
CIE _{LCh}	58, 26.285, 110.869
Yxy	25.9784, 0.3559, 0.4094
Android (android.graphics.Color)	4287336288 (0xFF8B8F60)
YUV	136.4460, -19.9399, 2.2399
Hunter-Lab	50.9691, -10.1149, 18.3506

Details

The YIQ color $136.4460, 12.7030, -15.4650$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $102.5540, -12.7030, 15.4650$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.1040, 13.6660, -16.3980$, and $86.4890, 11.1440, -14.7440$ is the 20% darker color. If you saturate the color by 10%, you get $134.5510, 16.6010, -20.0310$, and if you desaturate by 10%, it is $138.3410, 8.8050, -10.8990$.

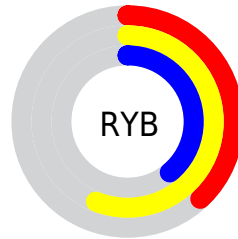
Distribution



Red (55%)

Green (56%)

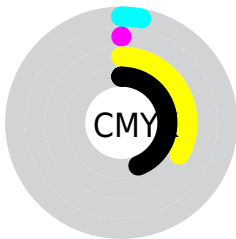
Blue (38%)



Red (38%)

Yellow (56%)

Blue (39%)

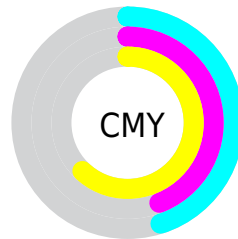


Cyan (3%)

Magenta (0%)

Yellow (33%)

Black (44%)



Cyan (45%)


Magenta (44%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.4460, 12.7030, -15.4650 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 136.4460, 12.7030, -15.4650 by changing the saturation by 10% instead.

 136.4460, 12.7030,
-15.4650


 136.4460, 12.7030,
-15.4650


255.0000, -0.0000,
-0.0000


 110.6740, 12.0610,
-14.8430


 190.1040, 13.6660,
-16.3980


 86.4890, 11.1440,
-14.7440


 217.9900, 13.9870,
-16.7090

 62.7170, 10.5020,
-14.1220

 246.1750, 14.9040,
-16.8080

 40.3750, 11.4650,
-15.0550

 252.0360, 8.3460,
-8.0860

 21.5300, 3.8990,
-10.0930

 0.0000, 0.0000,
0.0000

■ 136.4460, 12.7030,
-15.4650

■ 136.4460, 12.7030,
-15.4650

■ 134.5510, 16.6010,
-20.0310

■ 138.3410, 8.8050,
-10.8990

■ 132.5420, 20.8200,
-24.9080

■ 140.3500, 4.5860,
-6.0220

■ 130.3480, 24.1220,
-29.6860

■ 142.5440, 1.2840,
-1.2440

■ 128.4530, 28.0200,
-34.2520

■ 144.4390, -2.6140,
3.3220

■ 126.5580, 31.9180,
-38.8180

■ 146.4480, -6.8330,
8.1990

■ 124.5490, 36.1370,
-43.6950

■ 148.3430,
-10.7310, 12.7650

■ 123.1100, 38.7510,
-47.0170

■ 150.5370,
-14.0330, 17.5430

■ 152.4320,

-17.9310, 22.1090

■ 154.4410,
-22.1500, 26.9860

Harmonies

Analogous

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



138.9860, 28.9780, -7.5500



136.4460, 12.7030, -15.4650



133.7900, -8.9370, -19.7610

Triad

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



136.4460, 12.7030, -15.4650



128.5280, -54.5130, -8.7610



142.7790, 26.2680, 19.5480

Complementary

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



136.4460, 12.7030, -15.4650



102.5540, -12.7030, 15.4650

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.



142.8400, 7.1030, 19.9590



136.4460, 12.7030, -15.4650



135.1050, -39.6600, 2.9000

Square

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



136.4460, 12.7030, -15.4650



126.9270, -51.6230, -17.0870



140.3470, -16.5540, 13.6700



141.6520, 36.6310, 13.4550

Rectangle

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



136.4460, 12.7030, -15.4650



131.1780, -24.7090, -20.2690



140.3470, -16.5540, 13.6700



142.7830, 20.4450, 20.4530

Sweetspot

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



136.4460, 12.7030, -15.4650



183.6490, 5.1820, -5.8100



112.4010, 26.9120, 7.8720



92.4470, 2.9350, -3.6330



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



136.4460, 12.7030, -15.4650



175.9980, 19.5360, -23.6640



129.5690, -1.0050, -20.3410



70.2020, 2.2470, -2.1770



116.3210, 36.7790, -44.3170



6.7890, 1.9720, -2.7000

Inverse Universe

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



102.5540, -12.7030, 15.4650



124.0020, -19.5360, 23.6640



109.4310, 1.0050, 20.3410



65.0970, -1.6510, 2.3890



18.9780, -36.1830, 44.5290



1.2110, -1.9720, 2.7000

Previews

White Background



This preview shows how the YIQ color 136.4460, 12.7030, -15.4650 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 136.4460, 12.7030, -15.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

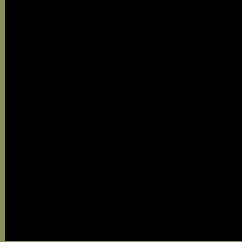
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.4460, 12.7030, -15.4650

Background



This preview shows how black text looks on a background with the YIQ color 136.4460, 12.7030, -15.4650.



This preview shows how white text looks on a background with the YIQ color 136.4460, 12.7030,

-15.4650.

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

136.4460, 12.7030, -15.4650

Protanopia

137.4580, 21.5970, -11.4510

Deuteranopia

138.8770, 30.9030, -3.8890



Tritanopia

140.5320, 1.5580, 4.8060

Trichromacy



Original Color

136.4460, 12.7030, -15.4650

Protanomaly

136.9630, 18.6170, -12.5110

Deuteranomaly

138.1210, 24.1640, -8.4120

Tritanomaly

138.9420, 5.9150, -2.5730

Monochromacy



Original Color

136.4460, 12.7030, -15.4650

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.3500, 4.5860, -6.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4460, 12.7030, -15.4650 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(139, 143, 96)` looks like.

```
.text, #text, p{  
    color:rgb(139, 143, 96)  
}
```

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(139, 143, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 143, 96) }
```

Border

The CSS property to change the border of an element to YIQ 136.4460, 12.7030, -15.4650 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(139, 143, 96) }
```


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

```
.border{ border-color:rgb(139, 143, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 143, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 143, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 143, 96);  
box-shadow:4px 4px 4px 4px rgb(139, 143,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4460, 12.7030, -15.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 143, 96) }
```

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

```
.background{ background-color: rgb(139,  
143, 96) }
```

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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