

Converting Colors

YIQ(135.1840, -15.6780,
-13.2300)

Have a look what the booklet for
YIQ(135.1840, -15.6780, -13.2300)
contains.

YIQ(135.1840, -15.6780, -13.2300)	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(135.1840, -15.6780,
-13.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	709482
RGB	112, 148, 130
RGB Percent	44%, 58%, 51%
CMY	0.5609, 0.4195, 0.4902
CMYK	0.24, 0.00, 0.12, 0.42
HSL	150°, 14%, 51%
HSV	150°, 24%, 58%
XYZ	21.2997, 26.2390, 25.0568
YIQ	135.1840, -15.6780, -13.2300

Conversions

Conversions Part 2

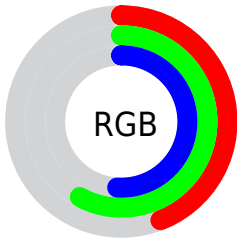
Format	Color
R_{YB}	112, 136, 148
Decimal	7378050
CIE _{Lab}	58.26, -16.40, 5.48
CIE _{LCh}	58, 17.289, 161.523
Yxy	26.2390, 0.2934, 0.3614
Android (android.graphics.Color)	4285568130 (0xFF709482)
YUV	135.1840, -2.5557, -20.3324
Hunter-Lab	51.2241, -15.4194, 6.8545

Details

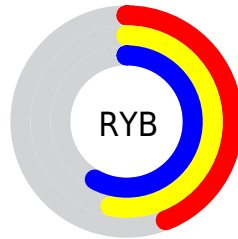
The YIQ color **135.1840, -15.6780, -13.2300** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **124.8160, 15.6780, 13.2300**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.4720, -16.5490, -13.9650**, and **85.0100, -15.1280, -12.1840** is the 20% darker color. If you saturate the color by 10%, you get **129.9010, -22.3710, -18.5870**, and if you desaturate by 10%, it is **140.4670, -8.9850, -7.8730**.

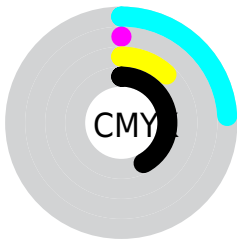
Distribution



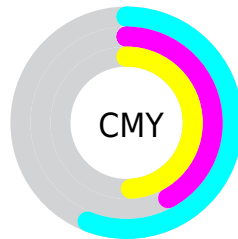
- Red (44%)
- Green (58%)
- Blue (51%)



- Red (44%)
- Yellow (53%)
- Blue (58%)



- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (42%)



- Cyan (56%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.1840, -15.6780, -13.2300 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 135.1840, -15.6780, -13.2300 by changing the saturation by 10% instead.

■ 135.1840,
-15.6780, -13.2300

■ 135.1840,
-15.6780, -13.2300

■ 255.0000, -0.0000,
-0.0000

■ 109.5970,
-15.4030, -12.7070

■ 188.4720,
-16.5490, -13.9650

■ 85.0100, -15.1280,
-12.1840

■ 216.3580,
-16.2280, -14.2760

■ 61.4230, -14.8530,
-11.6610

■ 242.7110,
-15.7240, -12.3960

■ 39.1240, -15.4490,
-11.8730

■ 252.9070, -4.1720,
-1.4840

■ 19.3200, -13.0650,
-11.0250

■ 0.0000, 0.0000,
0.0000

■ 135.1840,
-15.6780, -13.2300

■ 135.1840,
-15.6780, -13.2300

■ 129.9010,
-22.3710, -18.5870

■ 140.4670, -8.9850,
-7.8730

■ 124.5040,
-28.7430, -24.2550

■ 145.8640, -2.6130,
-2.2050

■ 119.5200,
-34.8400, -29.4000

■ 150.8480, 3.4840,
2.9400

■ 114.1230,
-41.2120, -35.0680

■ 156.2450, 9.8560,
8.6080

■ 108.8400,
-47.9050, -40.4250

■ 161.5280, 16.5490,
13.9650

■ 103.5570,
-54.5980, -45.7820

■ 166.8110, 23.2420,
19.3220

■ 98.1600, -60.9700,
-51.4500

■ 172.2080, 29.6140,
24.9900

■ 95.3120, -64.4540,

■ 177.1920, 35.7110,

-54.3900

30.1350

■ 182.5890, 42.0830,
35.8030

Harmonies

Analogous

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



136.7250, -1.1440, -12.3120



135.1840, -15.6780, -13.2300



134.3060, -27.6450, -11.1090

Triad

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



135.1840, -15.6780, -13.2300



139.7290, -14.9940, 7.4220



142.1080, 26.1790, 4.6350

Complementary

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



135.1840, -15.6780, -13.2300



124.8160, 15.6780, 13.2300

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.



142.2420, 23.1060, 10.7700



135.1840, -15.6780, -13.2300



142.0900, 0.2270, 12.4110

Square

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



135.1840, -15.6780, -13.2300



136.8690, -27.3720, 0.4680



142.7450, 14.4400, 13.6400



140.4400, 22.0080, -2.3760

Rectangle

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



135.1840, -15.6780, -13.2300



134.1470, -31.4510, -8.2110



142.7450, 14.4400, 13.6400



142.2760, 25.7660, 6.6140

Sweetspot

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



135.1840, -15.6780, -13.2300



186.4290, -5.8220, -4.6220



138.8130, 1.4240, -14.8000



94.1520, -3.4840, -2.9400



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



135.1840, -15.6780, -13.2300



171.4770, -24.1130, -20.0570



137.1220, -21.1350, -7.9430



71.4510, -2.8880, -2.7280



88.8720, -60.0990, -50.7150



6.4400, -4.3550, -3.6750

Inverse Universe

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



124.8160, 15.6780, 13.2300



155.6370, 23.7920, 20.3680



122.8780, 21.1350, 7.9430



69.4350, 3.2090, 2.4170



49.1280, 60.0990, 50.7150



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 135.1840, -15.6780, -13.2300 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 135.1840, -15.6780, -13.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

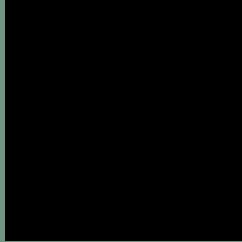
Any Text WCAG AA ✓ Pass

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 135.1840, -15.6780, -13.2300 Background



This preview shows how black text looks on a background with the YIQ color 135.1840, -15.6780, -13.2300.



This preview shows how white text looks on a background with the YIQ color 135.1840, -15.6780, -13.2300.

-13.2300.

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

135.1840, -15.6780, -13.2300

Protanopia

139.1980, 8.0700, -3.0820

Deuteranopia

141.0510, 13.1580, 3.8300



Tritanopia

137.2950, -19.9440, -1.9920

Trichromacy



Original Color

135.1840, -15.6780, -13.2300

Protanomaly

137.5990, -0.5490, -6.5730

Deuteranomaly

139.0880, 2.5680, -2.4880

Tritanomaly

136.2580, -18.5220, -5.7380

Monochromacy



Original Color

135.1840, -15.6780, -13.2300

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.3150, -5.5010, -4.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1840, -15.6780, -13.2300 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(112, 148, 130)` looks like.

```
.text, #text, p{  
    color:rgb(112, 148, 130)  
}
```

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(112, 148, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 148, 130) }
```

Border

The CSS property to change the border of an element to YIQ 135.1840, -15.6780, -13.2300 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(112, 148, 130) }
```


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

```
.border{ border-color:rgb(112, 148, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 148, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 148, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 148, 130); box-shadow:4px 4px 4px 4px rgb(112, 148, 130) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1840, -15.6780, -13.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 148, 130) }
```

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

```
.background{ background-color: rgb(112,  
148, 130) }
```

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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