

Converting Colors

YIQ(135.0180, 51.1740,
-35.3700)

Have a look what the booklet for
YIQ(135.0180, 51.1740, -35.3700)
contains.

YIQ(135.0180, 51.1740, -35.3700)	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(135.0180, 51.1740,
-35.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	A29012
RGB	162, 144, 18
RGB Percent	64%, 56%, 7%
CMY	0.3647, 0.4353, 0.9291
CMYK	0.00, 0.11, 0.89, 0.36
HSL	52°, 80%, 35%
HSV	52°, 89%, 64%
XYZ	24.9803, 27.6685, 4.5995
YIQ	135.0180, 51.1740, -35.3700

Conversions

Conversions Part 2

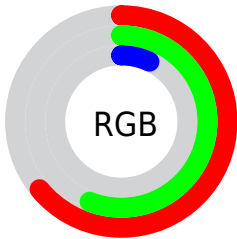
Format	Color
R _Y B	39, 162, 18
Decimal	10653714
CIE Lab	59.59, -5.54, 60.67
CIE LCh	60, 60.922, 95.213
Yxy	27.6685, 0.4364, 0.4833
Android (android.graphics.Color)	4288843794 (0xFFA29012)
YUV	135.0180, -57.6899, 23.6632
Hunter-Lab	52.6008, -7.2812, 31.6362

Details

The YIQ color **135.0180, 51.1740, -35.3700** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **44.9820, -51.1740, 35.3700**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3110, 51.9070, -32.1330**, and **86.8720, 37.3260, -26.6900** is the 20% darker color. If you saturate the color by 10%, you get **132.0200, 56.8600, -39.3000**, and if you desaturate by 10%, it is **138.0160, 45.4880, -31.4400**.

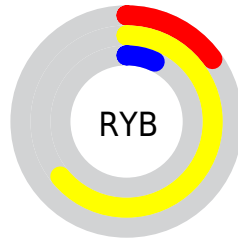
Distribution



Red (64%)

Green (56%)

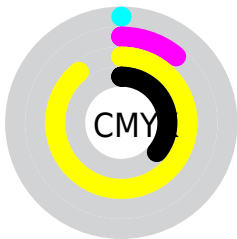
Blue (7%)



Red (15%)

Yellow (64%)

Blue (7%)

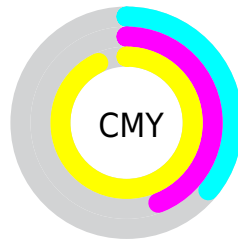


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.0180, 51.1740, -35.3700 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 135.0180, 51.1740, -35.3700 by changing the saturation by 10% instead.

■ 135.0180, 51.1740,
-35.3700

■ 135.0180, 51.1740,
-35.3700

■ 255.0000, -0.0000,
-0.0000

■ 109.9190, 47.1390,
-33.8290

■ 190.3110, 51.9070,
-32.1330

■ 86.8720, 37.3260,
-26.6900

■ 218.7950, 53.4200,
-32.0200

■ 65.2980, 27.5590,
-20.3850

■ 240.3910, 39.7580,
-37.7300

■ 44.6100, 18.1130,
-14.3910

■ 244.1700, 30.4950,
-29.5450

■ 24.8080, 8.9880,
-8.7080

■ 247.3620, 21.5070,
-20.8370

■ 0.0000, 0.0000,
0.0000

■ 250.6680, 12.1980,

-11.8180

253.9740, 2.8890,
-2.7990

135.0180, 51.1740,
-35.3700

135.0180, 51.1740,
-35.3700

132.0200, 56.8600,
-39.3000

138.0160, 45.4880,
-31.4400

131.7920, 57.5020,
-39.9220

141.0140, 39.8020,
-27.5100

144.1260, 33.7950,
-23.2690

147.1240, 28.1090,
-19.3390

150.1220, 22.4230,
-15.4090

■ 153.1200, 16.7370,
-11.4790

■ 156.1180, 11.0510,
-7.5490

■ 159.2300, 5.0440,
-3.3080

■ 162.2280, -0.6420,
0.6220

Harmonies

Analogous

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



139.0560, 75.5150, -8.4290



135.0180, 51.1740, -35.3700



129.9120, 4.3180, -45.2340

Triad

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



135.0180, 51.1740, -35.3700



121.8720, -111.6840, -24.4200



145.7050, 39.4210, 51.0130

Complementary

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



135.0180, 51.1740, -35.3700



44.9820, -51.1740, 35.3700

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.



146.7660, -15.2750, 40.0610



135.0180, 51.1740, -35.3700



121.8670, -121.3150, -9.5630

Square

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



135.0180, 51.1740, -35.3700



116.5310, -95.2670, -41.1150



114.9030, -120.9960, 1.1800



140.3820, 73.7630, 45.3710

Rectangle

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



135.0180, 51.1740, -35.3700



120.2240, -40.6590, -50.6030



114.9030, -120.9960, 1.1800



147.1530, 23.4200, 49.1480

Sweetspot

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



135.0180, 51.1740, -35.3700



201.3930, 20.2220, -14.0660



63.2220, 79.7250, 36.4370



100.7760, 12.0140, -8.4820



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



135.0180, 51.1740, -35.3700



171.9830, 75.4770, -51.8110



129.7370, 14.6360, -56.0200



80.3870, 3.1640, -2.2760



117.9040, 51.4950, -35.6810



14.7740, 6.3280, -4.5520

Inverse Universe

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



44.9820, -51.1740, 35.3700



39.4300, -75.2020, 52.3340



50.2630, -14.6360, 56.0200



74.6130, -3.1640, 2.2760



27.0960, -51.4950, 35.6810



3.2260, -6.3280, 4.5520

Previews

White Background



This preview shows how the YIQ color 135.0180, 51.1740, -35.3700 looks on a white background.

Color Contrast Check

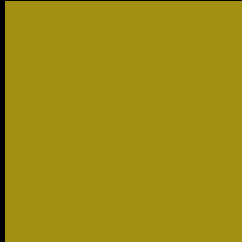
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0180, 51.1740, -35.3700 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 135.0180, 51.1740, -35.3700

Background



This preview shows how black text looks on a background with the YIQ color 135.0180, 51.1740, -35.3700.



This preview shows how white text looks on a background with the YIQ color 135.0180, 51.1740,

-35.3700.

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

135.0180, 51.1740, -35.3700

Protanopia

135.0180, 51.1740, -35.3700

Deuteranopia

136.8010, 62.4510, -24.9810



Tritanopia

145.9040, 18.2460, 10.7420

Trichromacy



Original Color

135.0180, 51.1740, -35.3700

Protanomaly

135.0180, 51.1740, -35.3700

Deuteranomaly

136.1270, 58.4170, -28.9670

Tritanomaly

142.1110, 30.1240, -6.2920

Monochromacy



Original Color

135.0180, 51.1740, -35.3700

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.8490, 18.9380, -12.8220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.0180, 51.1740, -35.3700 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(162, 144, 18)` looks like.

```
.text, #text, p{  
    color:rgb(162, 144, 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(162, 144, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 144, 18) }
```

Border

The CSS property to change the border of an element to YIQ 135.0180, 51.1740, -35.3700 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(162, 144, 18) }
```


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

```
.border{ border-color:rgb(162, 144, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 144, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 144, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 144, 18);  
box-shadow:4px 4px 4px 4px rgb(162, 144,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 135.0180, 51.1740, -35.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 144, 18) }
```

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

```
.background{ background-color: rgb(162,  
144, 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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