

Converting Colors

YIQ(148.1340, 56.5390,
-38.9890)

Have a look what the booklet for
YIQ(148.1340, 56.5390, -38.9890)
contains.

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Color

**YIQ(148.1340, 56.5390,
-38.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	B29E13
RGB	178, 158, 19
RGB Percent	70%, 62%, 7%
CMY	0.3020, 0.3804, 0.9251
CMYK	0.00, 0.11, 0.89, 0.30
HSL	52°, 81%, 39%
HSV	52°, 89%, 70%
XYZ	30.7014, 33.9618, 5.5570
YIQ	148.1340, 56.5390, -38.9890

Conversions

Conversions Part 2

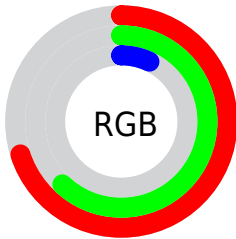
Format	Color
RYB	42, 178, 19
Decimal	11705875
CIELab	64.93, -5.78, 65.35
CIElCh	65, 65.607, 95.055
Yxy	33.9618, 0.4372, 0.4836
Android (android.graphics.Color)	4289895955 (0xFFB29E13)
YUV	148.1340, -63.6631, 26.1925
Hunter-Lab	58.2768, -7.9468, 35.1401

Details

The YIQ color **148.1340, 56.5390, -38.9890** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **48.8660, -56.5390, 38.9890**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **204.6550, 56.6300, -35.1300**, and **98.9880, 42.6910, -30.3090** is the 20% darker color. If you saturate the color by 10%, you get **144.9080, 62.8670, -43.5410**, and if you desaturate by 10%, it is **151.3600, 50.2110, -34.4370**.

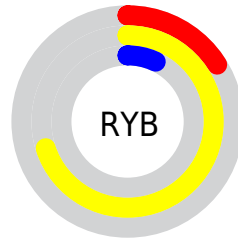
Distribution



Red (70%)

Green (62%)

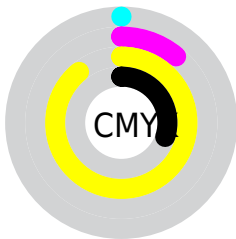
Blue (7%)



Red (16%)

Yellow (70%)

Blue (7%)

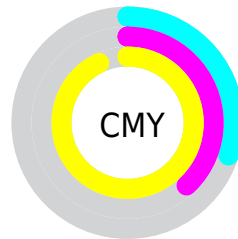


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.1340, 56.5390, -38.9890 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 148.1340, 56.5390, -38.9890 by changing the saturation by 10% instead.

■ 148.1340, 56.5390,
-38.9890

■ 148.1340, 56.5390,
-38.9890

■ 255.0000, -0.0000,
-0.0000

■ 122.0350, 52.5040,
-37.4480

■ 204.6550, 56.6300,
-35.1300

■ 98.9880, 42.6910,
-30.3090

■ 229.5510, 50.9910,
-37.5610

■ 76.5280, 32.6030,
-23.6930

■ 241.5480, 37.8780,
-36.6980

■ 54.9540, 22.8360,
-17.3880

■ 244.7400, 28.8900,
-27.9900

■ 35.1520, 13.7110,
-11.7050

■ 247.9320, 19.9020,
-19.2820

■ 15.0400, 2.5230,
-7.1810

■ 251.2380, 10.5930,

■ 0.0000, 0.0000,

-10.2630

0.0000

254.5440, 1.2840,
-1.2440

■ 148.1340, 56.5390,
-38.9890

■ 148.1340, 56.5390,
-38.9890

■ 144.9080, 62.8670,
-43.5410

■ 151.3600, 50.2110,
-34.4370

■ 144.7940, 63.1880,
-43.8520

■ 154.5860, 43.8830,
-29.8850

■ 158.2850, 37.6010,
-26.1670

■ 161.5110, 31.2730,
-21.6150

■ 164.7370, 24.9450,
-17.0630

■ 167.9630, 18.6170,
-12.5110

■ 171.7760, 12.0140,
-8.4820

■ 174.8880, 6.0070,
-4.2410

■ 178.1140, -0.3210,
0.3110

Harmonies

Analogous

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



152.6500, 82.5300, -8.9100



148.1340, 56.5390, -38.9890



142.4620, 5.4650, -49.5030

Triad

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



148.1340, 56.5390, -38.9890



133.5440, -122.5040, -26.5680



160.0200, 43.0880, 56.1440

Complementary

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



148.1340, 56.5390, -38.9890



48.8660, -56.5390, 38.9890

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.



161.3900, -16.9720, 43.2840



148.1340, 56.5390, -38.9890



132.9690, -130.5300, -13.2660

Square

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



148.1340, 56.5390, -38.9890



127.5190, -104.1610, -45.1290



123.5770, -126.1300, -4.8980



152.0450, 76.3300, 48.4100

Rectangle

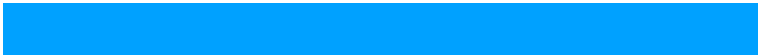
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



148.1340, 56.5390, -38.9890



132.2080, -43.7300, -55.5220



123.5770, -126.1300, -4.8980



161.6850, 24.9780, 53.9540

Sweetspot

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



148.1340, 56.5390, -38.9890



220.1220, 22.4230, -15.4090



68.9350, 88.0230, 40.2390



110.4340, 12.9770, -9.4150



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



148.1340, 56.5390, -38.9890



188.5290, 82.4470, -56.9850



142.5320, 16.4710, -61.7450



87.3870, 3.1640, -2.2760



124.4050, 54.3380, -37.6460



20.6880, 9.4460, -5.9940

Inverse Universe

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



48.8660, -56.5390, 38.9890



43.4710, -82.4470, 56.9850



54.4680, -16.4710, 61.7450



81.6130, -3.1640, 2.2760



28.5950, -54.3380, 37.6460



4.7250, -9.1710, 6.5170

Previews

White Background



This preview shows how the YIQ color 148.1340, 56.5390, -38.9890 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 148.1340, 56.5390, -38.9890 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 ✓ Pass

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

YIQ 148.1340, 56.5390, -38.9890

Background



This preview shows how black text looks on a background with the YIQ color 148.1340, 56.5390, -38.9890.



This preview shows how white text looks on a background with the YIQ color 148.1340, 56.5390, -38.9890.

-38.9890.

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

148.1340, 56.5390, -38.9890

Protanopia

148.1340, 56.5390, -38.9890

Deuteranopia

150.6290, 68.6870, -27.8650



Tritanopia

160.2140, 20.3090, 11.9010

Trichromacy



Original Color

148.1340, 56.5390, -38.9890

Protanomaly

148.1340, 56.5390, -38.9890

Deuteranomaly

149.6560, 64.0570, -32.0630

Tritanomaly

155.8510, 33.7920, -6.6880

Monochromacy



Original Color

148.1340, 56.5390, -38.9890

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2790, 20.5430, -14.3770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.1340, 56.5390, -38.9890 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(178, 158, 19)` looks like.

```
.text, #text, p{  
    color:rgb(178, 158, 19)  
}
```

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(178, 158, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 158, 19) }
```

Border

The CSS property to change the border of an element to YIQ 148.1340, 56.5390, -38.9890 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(178, 158, 19) }
```


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

```
.border{ border-color:rgb(178, 158, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 158, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 158, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 158, 19);  
box-shadow:4px 4px 4px 4px rgb(178, 158,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 148.1340, 56.5390, -38.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 158, 19) }
```

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

```
.background{ background-color: rgb(178,  
158, 19) }
```

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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