

Converting Colors

YIQ(148.6960, 41.3580,
-11.6500)

Have a look what the booklet for
YIQ(148.6960, 41.3580, -11.6500)
contains.

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Color

**YIQ(148.6960, 41.3580,
-11.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	B59153
RGB	181, 145, 83
RGB Percent	71%, 57%, 33%
CMY	0.2902, 0.4314, 0.6743
CMYK	0.00, 0.20, 0.54, 0.29
HSL	38°, 40%, 52%
HSV	38°, 54%, 71%
XYZ	30.7454, 30.6967, 12.4992
YIQ	148.6960, 41.3580, -11.6500

Conversions

Conversions Part 2

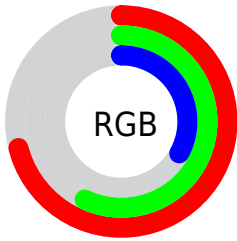
Format	Color
RYB	140, 181, 83
Decimal	11899219
CIELab	62.25, 5.94, 37.71
CIELCh	62, 38.179, 81.048
Yxy	30.6967, 0.4158, 0.4151
Android (android.graphics.Color)	4290089299 (0xFFB59153)
YUV	148.6960, -32.3881, 28.3306
Hunter-Lab	55.4046, 2.0959, 25.4075

Details

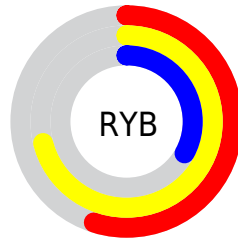
The YIQ color **148.6960, 41.3580, -11.6500** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **115.3040, -41.3580, 11.6500**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **203.5500, 44.7050, -11.7350**, and **97.4290, 37.7360, -12.0880** is the 20% darker color. If you saturate the color by 10%, you get **142.5350, 49.0610, -13.5870**, and if you desaturate by 10%, it is **154.8570, 33.6550, -9.7130**.

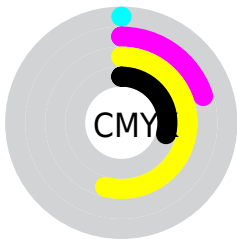
Distribution



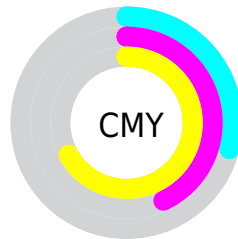
- Red (71%)
- Green (57%)
- Blue (33%)



- Red (55%)
- Yellow (71%)
- Blue (33%)



- Cyan (0%)
- Magenta (20%)
- Yellow (54%)
- Black (29%)



- Cyan (29%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6960, 41.3580, -11.6500 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 148.6960, 41.3580, -11.6500 by changing the saturation by 10% instead.

■ 148.6960, 41.3580,
-11.6500

■ 148.6960, 41.3580,
-11.6500

■ 255.0000, -0.0000,
-0.0000

■ 122.3260, 39.5240,
-11.4520

■ 203.5500, 44.7050,
-11.7350

■ 97.4290, 37.7360,
-12.0880

■ 227.8480, 37.8740,
-14.5900

■ 72.4180, 36.2690,
-13.0350

■ 247.3620, 21.5070,
-20.8370

■ 50.5900, 30.0330,
-10.1510

■ 250.5540, 12.5190,
-12.1290

■ 30.7880, 20.9080,
-4.4680

■ 253.8600, 3.2100,
-3.1100

■ 8.6380, 12.8830,
3.3070

■ 0.0000, 0.0000,

0.0000

■ 148.6960, 41.3580,
-11.6500

■ 148.6960, 41.3580,
-11.6500

■ 142.5350, 49.0610,
-13.5870

■ 154.8570, 33.6550,
-9.7130

■ 136.9610, 56.4890,
-16.0470

■ 160.4310, 26.2270,
-7.2530

■ 130.8000, 64.1920,
-17.9840

■ 166.5920, 18.5240,
-5.3160

■ 124.6390, 71.8950,
-19.9210

■ 172.7530, 10.8210,
-3.3790

■ 121.0370, 76.5260,
-21.2500

■ 178.4410, 3.0720,
-0.6080

■ 184.6020, -4.6310,
1.3290

■ 190.7630,
-12.3340, 3.2660

■ 196.3370,
-19.7620, 5.7260

■ 202.4980,
-27.4650, 7.6630

Harmonies

Analogous

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



150.6520, 53.8260, 4.6900



148.6960, 41.3580, -11.6500



145.6280, 17.7020, -23.4660

Triad

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



148.6960, 41.3580, -11.6500



118.4520, -102.0540, -33.7500



154.7900, 10.5400, 29.2600

Complementary

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



148.6960, 41.3580, -11.6500



115.3040, -41.3580, 11.6500

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.



151.0720, -25.7250, 20.1870



148.6960, 41.3580, -11.6500



119.8830, -110.2170, -23.4730

Square

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



148.6960, 41.3580, -11.6500



132.4020, -55.0590, -31.9150



140.2190, -66.3440, 1.9120



153.7470, 38.4620, 29.8380

Rectangle

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



148.6960, 41.3580, -11.6500



142.4560, -2.4250, -27.6490



140.2190, -66.3440, 1.9120



154.2770, -1.1970, 27.2110

Sweetspot

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



148.6960, 41.3580, -11.6500



222.4500, 16.0480, -4.4960



116.6340, 46.2100, 32.5940



109.7960, 9.2620, -2.6580



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.



148.6960, 41.3580, -11.6500



184.6860, 64.5130, -18.2950



166.5390, 24.9020, -32.8100



86.2130, 3.7140, -1.2300



102.6860, 64.5130, -18.2950



17.1660, 11.0960, -2.8560

Inverse Universe

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



115.3040, -41.3580, 11.6500



132.3140, -64.5130, 18.2950



97.4610, -24.9020, 32.8100



83.3740, -3.9890, 0.7070



50.3140, -64.5130, 18.2950



8.2470, -10.8210, 3.3790

Previews

White Background



This preview shows how the YIQ color 148.6960, 41.3580, -11.6500 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 148.6960, 41.3580, -11.6500 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 148.6960, 41.3580, -11.6500

Background



This preview shows how black text looks on a background with the YIQ color 148.6960, 41.3580, -11.6500.



This preview shows how white text looks on a background with the YIQ color 148.6960, 41.3580, -11.6500.

-11.6500.

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

148.6960, 41.3580, -11.6500

Protanopia

147.6620, 29.5300, -17.5580

Deuteranopia

149.0060, 43.4210, -10.4910



Tritanopia

153.2040, 26.2690, 14.0210

Trichromacy



Original Color

148.6960, 41.3580, -11.6500

Protanomaly

148.1680, 33.9770, -15.5510

Deuteranomaly

148.7070, 42.8250, -10.7030

Tritanomaly

151.6310, 31.9560, 4.5640

Monochromacy



Original Color

148.6960, 41.3580, -11.6500

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2650, 15.1310, -4.3970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6960, 41.3580, -11.6500 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(181, 145, 83)` looks like.

```
.text, #text, p{  
    color:rgb(181, 145, 83)  
}
```

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(181, 145, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 145, 83) }
```

Border

The CSS property to change the border of an element to YIQ 148.6960, 41.3580, -11.6500 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(181, 145, 83) }
```


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

```
.border{ border-color:rgb(181, 145, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 145, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 145, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 145, 83);  
box-shadow:4px 4px 4px 4px rgb(181, 145,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6960, 41.3580, -11.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 145, 83) }
```

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

```
.background{ background-color: rgb(181,  
145, 83) }
```

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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