

Converting Colors

YIQ(157.8790, 26.2800,
-46.7760)

Have a look what the booklet for
YIQ(157.8790, 26.2800, -46.7760)
contains.

YIQ(157.8790, 26.2800, -46.7760)	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(157.8790, 26.2800,
-46.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB531
RGB	154, 181, 49
RGB Percent	60%, 71%, 19%
CMY	0.3962, 0.2901, 0.8076
CMYK	0.15, 0.00, 0.73, 0.29
HSL	72°, 57%, 45%
HSV	72°, 73%, 71%
XYZ	30.4009, 40.1408, 9.0572
YIQ	157.8790, 26.2800, -46.7760

Conversions

Conversions Part 2

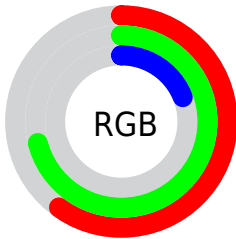
Format	Color
RYB	49, 181, 76
Decimal	10138929
CIELab	69.57, -26.89, 60.23
CIELCh	70, 65.960, 114.061
Yxy	40.1408, 0.3819, 0.5043
Android (android.graphics.Color)	4288329009 (0xFF9AB531)
YUV	157.8790, -53.6773, -3.4019
Hunter-Lab	63.3567, -25.2234, 35.8739

Details

The YIQ color **157.8790, 26.2800, -46.7760** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **72.1210, -26.2800, 46.7760**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0640, 27.1970, -46.8750**, and **104.7370, 23.8040, -45.9560** is the 20% darker color. If you saturate the color by 10%, you get **154.6310, 29.6740, -53.2220**, and if you desaturate by 10%, it is **161.1270, 22.8860, -40.3300**.

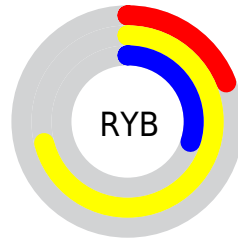
Distribution



Red (60%)

Green (71%)

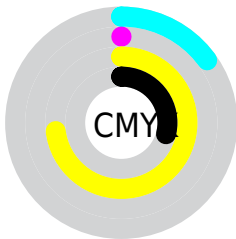
Blue (19%)



Red (19%)

Yellow (71%)

Blue (30%)

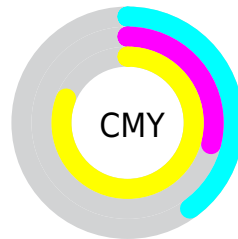


Cyan (15%)

Magenta (0%)

Yellow (73%)

Black (29%)



Cyan (40%)

Magenta (29%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.8790, 26.2800, -46.7760 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 157.8790, 26.2800, -46.7760 by changing the saturation by 10% instead.

 157.8790, 26.2800,
-46.7760


 157.8790, 26.2800,
-46.7760


 255.0000, -0.0000,
-0.0000


 129.6680, 28.2520,
-49.4760


 214.0640, 27.1970,
-46.8750


 104.7370, 23.8040,
-45.9560


 236.7920, 31.1390,
-41.2210


 81.9890, 14.5870,
-38.6050


 244.0560, 30.8160,
-29.8560

 60.1270, 5.6910,
-31.5650

 247.2480, 21.8280,
-21.1480

 37.9550, -5.2680,
-25.6840

 250.5540, 12.5190,
-12.1290

 20.5450, -9.6250,
-18.3050

 253.8600, 3.2100,

 0.0000, 0.0000,

-3.1100

0.0000

■ 157.8790, 26.2800,
-46.7760

■ 157.8790, 26.2800,
-46.7760

■ 154.6310, 29.6740,
-53.2220

■ 161.1270, 22.8860,
-40.3300

■ 151.6820, 33.6640,
-59.4560

■ 164.0760, 18.8960,
-34.0960

■ 149.3030, 36.0490,
-64.1350

■ 167.3240, 15.5020,
-27.6500

■ 170.5720, 12.1080,
-21.2040

■ 173.9340, 8.3930,
-14.4470

■ 176.8830, 4.4030,
-8.2130

■ 180.1310, 1.0090,
-1.7670

■ 183.3790, -2.3850,
4.6790

■ 186.3280, -6.3750,
10.9130

Harmonies

Analogous

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



163.1020, 68.7330, -28.6990



157.8790, 26.2800, -46.7760



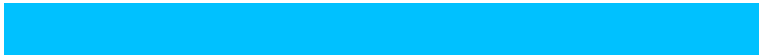
145.7740, -39.5120, -54.8720

Triad

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



157.8790, 26.2800, -46.7760



142.3610, -134.9300, -21.6340



164.1390, 61.5660, 51.6620

Complementary

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



157.8790, 26.2800, -46.7760



72.1210, -26.2800, 46.7760

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.



174.6140, 23.7400, 54.3640



157.8790, 26.2800, -46.7760



134.7300, -131.3550, -14.8350

Square

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



157.8790, 26.2800, -46.7760



140.9640, -124.1070, -36.0670



166.9540, -36.7760, 27.7360



159.7610, 79.4050, 31.2210

Rectangle

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



157.8790, 26.2800, -46.7760



131.0290, -97.5100, -61.0460



166.9540, -36.7760, 27.7360



169.3540, 53.7710, 55.2670

Sweetspot

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



157.8790, 26.2800, -46.7760



225.7830, 10.1360, -18.5040



103.7300, 71.5220, 14.3860



111.7860, 6.0540, -10.6020



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.



157.8790, 26.2800, -46.7760



199.0720, 40.7730, -72.6590



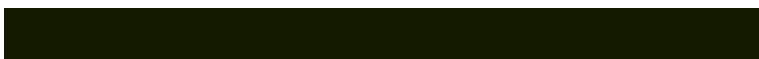
138.4440, -12.4600, -60.5560



87.3760, 1.6970, -3.2230



126.2890, 30.6370, -54.1550



21.2420, 4.7700, -9.3580

Inverse Universe

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



72.1210, -26.2800, 46.7760



65.9280, -40.7730, 72.6590



91.5560, 12.4600, 60.5560



81.6240, -1.6970, 3.2230



26.7110, -30.6370, 54.1550



4.4590, -5.3660, 9.1460

Previews

White Background



This preview shows how the YIQ color 157.8790, 26.2800, -46.7760 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 157.8790, 26.2800, -46.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

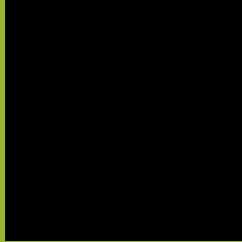
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.8790, 26.2800, -46.7760

Background



This preview shows how black text looks on a background with the YIQ color 157.8790, 26.2800, -46.7760.



This preview shows how white text looks on a background with the YIQ color 157.8790, 26.2800, -46.7760.

-46.7760.

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

157.8790, 26.2800, -46.7760

Protanopia

161.8440, 51.7240, -34.3240

Deuteranopia

164.3930, 63.7800, -21.5320



Tritanopia

170.1830, -4.7690, 3.8310

Trichromacy



Original Color

157.8790, 26.2800, -46.7760

Protanomaly

160.4190, 42.5550, -38.8610

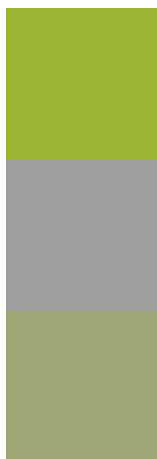
Deuteranomaly

161.8810, 50.3020, -30.5780

Tritanomaly

165.5640, 6.5590, -14.2490

Monochromacy



Original Color

157.8790, 26.2800, -46.7760

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.8370, 10.0440, -16.8360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.8790, 26.2800, -46.7760 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(154, 181, 49)` looks like.

```
.text, #text, p{  
    color:rgb(154, 181, 49)  
}
```

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(154, 181, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 181, 49) }
```

Border

The CSS property to change the border of an element to YIQ 157.8790, 26.2800, -46.7760 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(154, 181, 49) }
```


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

```
.border{ border-color:rgb(154, 181, 49) }
```

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

Here you see how a box with a 4 pixel rgb(154, 181, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 181, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 181, 49);  
box-shadow:4px 4px 4px 4px rgb(154, 181,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 157.8790, 26.2800, -46.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 181, 49) }
```

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

```
.background{ background-color: rgb(154,  
181, 49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor