

Converting Colors

YIQ(155.6860, 64.5130,
-18.2950)

Have a look what the booklet for
YIQ(155.6860, 64.5130, -18.2950)
contains.

YIQ(155.6860, 64.5130, -18.2950)	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(155.6860, 64.5130,
-18.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9635
RGB	206, 150, 53
RGB Percent	81%, 59%, 21%
CMY	0.1921, 0.4118, 0.7918
CMYK	0.00, 0.27, 0.74, 0.19
HSL	38°, 61%, 51%
HSV	38°, 74%, 81%
XYZ	37.0059, 35.1874, 8.2198
YIQ	155.6860, 64.5130, -18.2950

Conversions

Conversions Part 2

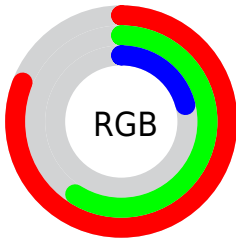
Format	Color
RYB	141, 206, 53
Decimal	13538869
CIELab	65.89, 12.11, 56.67
CIELCh	66, 57.949, 77.938
Yxy	35.1874, 0.4602, 0.4376
Android (android.graphics.Color)	4291728949 (0xFFCE9635)
YUV	155.6860, -50.6242, 44.1254
Hunter-Lab	59.3190, 7.5482, 33.3075

Details

The YIQ color **155.6860, 64.5130, -18.2950** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **103.3140, -64.5130, 18.2950**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.0770, 61.8540, -19.6660**, and **102.0660, 60.3870, -20.6130** is the 20% darker color. If you saturate the color by 10%, you get **148.5960, 73.4540, -20.6420**, and if you desaturate by 10%, it is **162.7760, 55.5720, -15.9480**.

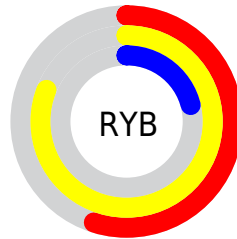
Distribution



Red (81%)

Green (59%)

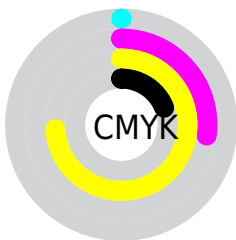
Blue (21%)



Red (55%)

Yellow (81%)

Blue (21%)

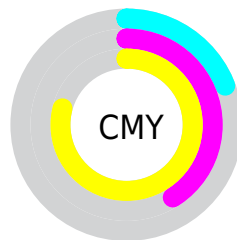


Cyan (0%)

Magenta (27%)

Yellow (74%)

Black (19%)



Cyan (19%)

Magenta (41%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.6860, 64.5130, -18.2950 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 155.6860, 64.5130, -18.2950 by changing the saturation by 10% instead.

■ 155.6860, 64.5130,
-18.2950

■ 155.6860, 64.5130,
-18.2950

■ 255.0000, -0.0000,
-0.0000

■ 128.1480, 63.0920,
-20.0760

■ 208.0770, 61.8540,
-19.6660

■ 102.0660, 60.3870,
-20.6130

■ 227.4770, 45.8080,
-26.2240

■ 80.1930, 50.0240,
-14.5200

■ 244.1700, 30.4950,
-29.5450

■ 58.3200, 39.6610,
-8.4270

■ 247.2480, 21.8280,
-21.1480

■ 37.9200, 29.3440,
-3.1680

■ 250.5540, 12.5190,
-12.1290

■ 17.8190, 19.6230,
2.3030

■ 253.8600, 3.2100,

■ 0.0000, 0.0000,

-3.1100

0.0000

■ 155.6860, 64.5130,
-18.2950

■ 155.6860, 64.5130,
-18.2950

■ 148.5960, 73.4540,
-20.6420

■ 162.7760, 55.5720,
-15.9480

■ 142.2070, 81.7990,
-23.2010

■ 169.1650, 47.2270,
-13.3890

■ 138.4910, 86.7510,
-24.8410

■ 176.2550, 38.2860,
-11.0420

■ 182.6440, 29.9410,
-8.4830

■ 189.7340, 21.0000,
-6.1360

■ 196.2370, 12.3340,
-3.2660

■ 203.2130, 3.7140,
-1.2300

■ 209.7160, -4.9520,
1.6400

■ 216.8060,
-13.8930, 3.9870

Harmonies

Analogous

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



158.0590, 80.6010, 9.5370



155.6860, 64.5130, -18.2950



151.3130, 31.2300, -37.3620

Triad

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



155.6860, 64.5130, -18.2950



130.3690, -112.1860, -37.3540



164.6890, 9.9870, 44.7950

Complementary

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



155.6860, 64.5130, -18.2950



103.3140, -64.5130, 18.2950

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.



157.1310, -50.5760, 24.5280



155.6860, 64.5130, -18.2950



133.7380, -125.8060, -21.7900

Square

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



155.6860, 64.5130, -18.2950



123.6260, -94.5770, -53.6250



130.0340, -129.1550, -10.6510



161.9100, 54.7810, 47.9730

Rectangle

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



155.6860, 64.5130, -18.2950



146.9270, -0.0380, -43.3820



130.0340, -129.1550, -10.6510



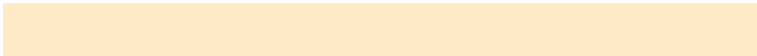
164.5880, -8.9020, 40.2020

Sweetspot

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



155.6860, 64.5130, -18.2950



236.2890, 23.7510, -6.4330



105.1310, 73.2120, 49.8520



116.4930, 14.4890, -3.7750



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



155.6860, 64.5130, -18.2950



180.4010, 95.6920, -27.1880



182.5780, 37.1930, -51.8230



98.5120, 4.3100, -1.0180



111.2690, 70.0610, -19.7230



25.4500, 16.0480, -4.4960

Inverse Universe

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



103.3140, -64.5130, 18.2950



102.5990, -95.6920, 27.1880



76.4220, -37.1930, 51.8230



95.4880, -4.3100, 1.0180



54.7310, -70.0610, 19.7230



12.5500, -16.0480, 4.4960

Previews

White Background



This preview shows how the YIQ color 155.6860, 64.5130, -18.2950 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 155.6860, 64.5130, -18.2950 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 155.6860, 64.5130, -18.2950

Background



This preview shows how black text looks on a background with the YIQ color 155.6860, 64.5130, -18.2950.



This preview shows how white text looks on a background with the YIQ color 155.6860, 64.5130, -18.2950.

-18.2950.

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

155.6860, 64.5130, -18.2950

Protanopia

154.4120, 44.4330, -28.8390

Deuteranopia

155.2510, 61.3040, -20.7120



Tritanopia

162.7820, 39.3810, 18.6850

Trichromacy



Original Color

155.6860, 64.5130, -18.2950

Protanomaly

154.9400, 51.8140, -24.9380

Deuteranomaly

155.2620, 62.7710, -19.7650

Tritanomaly

160.4280, 48.6450, 4.9730

Monochromacy



Original Color

155.6860, 64.5130, -18.2950

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

155.9900, 23.1550, -6.6450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.6860, 64.5130, -18.2950 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(206, 150, 53)` looks like.

```
.text, #text, p{  
    color:rgb(206, 150, 53)  
}
```

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(206, 150, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 150, 53) }
```

Border

The CSS property to change the border of an element to YIQ 155.6860, 64.5130, -18.2950 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(206, 150, 53) }
```


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

```
.border{ border-color:rgb(206, 150, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 150, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 150, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 150, 53);  
box-shadow:4px 4px 4px 4px rgb(206, 150,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 155.6860, 64.5130, -18.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 150, 53) }
```

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

```
.background{ background-color: rgb(206,  
150, 53) }
```

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