

Converting Colors

YIQ(140.5460, 59.6960, -2.5760)

Have a look what the booklet for
YIQ(140.5460, 59.6960, -2.5760)
contains.

| | |
|--|----|
| YIQ(140.5460, 59.6960, -2.5760) | 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(140.5460, 59.6960,
-2.5760)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C47E46 |
| RGB | 196, 126, 70 |
| RGB Percent | 77%, 49%, 27% |
| CMY | 0.2312, 0.5060, 0.7252 |
| CMYK | 0.00, 0.36, 0.64, 0.23 |
| HSL | 27°, 52%, 52% |
| HSV | 27°, 64%, 77% |
| XYZ | 31.3385, 27.0975, 9.3848 |
| YIQ | 140.5460, 59.6960, -2.5760 |

Conversions

Conversions Part 2

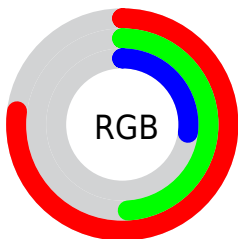
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 196, 171, 70 |
| Decimal | 12877382 |
| CIELab | 59.06, 21.87, 41.08 |
| CIELCh | 59, 46.534, 61.970 |
| Yxy | 27.0975, 0.4621, 0.3995 |
| Android (android.graphics.Color) | 4291067462 (0xFFC47E46) |
| YUV | 140.5460, -34.7792, 48.6332 |
| Hunter-Lab | 52.0553, 16.3645, 25.7496 |

Details

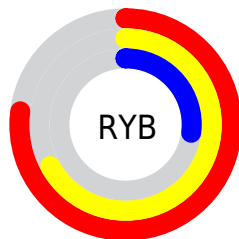
The YIQ color **140.5460, 59.6960, -2.5760** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **125.4540, -59.6960, 2.5760**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.9980, 64.2350, -2.2370**, and **88.9690, 54.0110, -4.1730** is the 20% darker color. If you saturate the color by 10%, you get **131.8090, 69.1410, -3.0430**, and if you desaturate by 10%, it is **149.2830, 50.2510, -2.1090**.

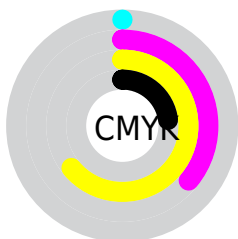
Distribution



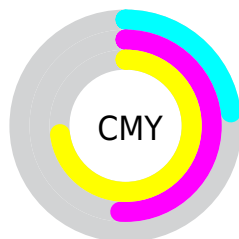
- Red (77%)
- Green (49%)
- Blue (27%)



- Red (77%)
- Yellow (67%)
- Blue (27%)



- Cyan (0%)
- Magenta (36%)
- Yellow (64%)
- Black (23%)



- Cyan (23%)
- Magenta (51%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.5460, 59.6960, -2.5760 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 140.5460, 59.6960, -2.5760 by changing the saturation by 10% instead.

140.5460, 59.6960,
-2.5760

140.5460, 59.6960,
-2.5760

255.0000, -0.0000,
-0.0000

114.4640, 56.9910,
-3.1130

194.9980, 64.2350,
-2.2370

88.3820, 54.2860,
-3.6500

214.3980, 48.1890,
-8.7950

64.0010, 50.9850,
-4.3990

233.9120, 31.8220,
-15.0420

42.7150, 40.3470,
1.1710

248.8440, 17.3340,
-16.7940

21.7280, 30.3050,
6.9530

252.0360, 8.3460,
-8.0860

9.6820, 18.7510,
7.0950

0.0000, 0.0000,

0.0000

■ 140.5460, 59.6960,
-2.5760

■ 140.5460, 59.6960,
-2.5760

■ 131.8090, 69.1410,
-3.0430

■ 149.2830, 50.2510,
-2.1090

■ 123.1860, 78.2650,
-3.1990

■ 157.9060, 41.1270,
-1.9530

■ 114.4490, 87.7100,
-3.6660

■ 166.6430, 31.6820,
-1.4860

■ 109.6730, 92.8910,
-3.9490

■ 175.2660, 22.5580,
-1.3300

■ 183.4160, 13.3880,
-0.3400

■ 192.1530, 3.9430,
0.1270

■ 200.7760, -5.1810,
0.2830

■ 209.5130,
-14.6260, 0.7500

■ 218.2500,
-24.0710, 1.2170

Harmonies

Analogous

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



141.8420, 65.5150, 18.6270



140.5460, 59.6960, -2.5760



138.0020, 40.0760, -21.4600

Triad

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



140.5460, 59.6960, -2.5760



112.0970, -91.0490, -40.4650



144.7300, -15.5940, 29.3180

Complementary

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



140.5460, 59.6960, -2.5760



125.4540, -59.6960, 2.5760

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.



132.1680, -70.3340, 8.1460



140.5460, 59.6960, -2.5760



116.0700, -103.6140, -27.5020

Square

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



140.5460, 59.6960, -2.5760



125.2820, -37.4060, -37.9660



115.9680, -111.5940, -15.0340



146.4440, 26.4940, 37.4860

Rectangle

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



140.5460, 59.6960, -2.5760



135.3090, 19.8580, -29.5020



115.9680, -111.5940, -15.0340



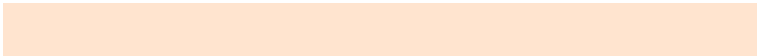
142.6570, -31.6860, 23.5940

Sweetspot

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



140.5460, 59.6960, -2.5760



233.6790, 22.8330, -0.8070



115.7680, 52.3050, 48.7930



114.6010, 14.3050, -0.4390



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.



140.5460, 59.6960, -2.5760



168.6730, 92.8910, -3.9490



176.9400, 42.6460, -35.0020



92.9250, 4.5850, -0.4950



89.8160, 76.4310, -3.0010



18.6720, 15.5430, -0.8490

Inverse Universe

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



125.4540, -59.6960, 2.5760



145.3270, -92.8910, 3.9490



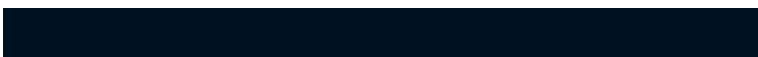
89.0600, -42.6460, 35.0020



91.6620, -4.8600, -0.0280



70.5970, -76.1560, 3.5240



14.3280, -15.5430, 0.8490

Previews

White Background



This preview shows how the YIQ color 140.5460, 59.6960, -2.5760 looks on a white background.

Color Contrast Check

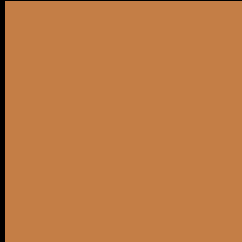
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.5460, 59.6960, -2.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

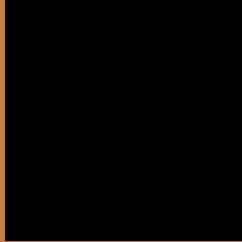
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.5460, 59.6960, -2.5760

Background



This preview shows how black text looks on a background with the YIQ color 140.5460, 59.6960, -2.5760.



This preview shows how white text looks on a background with the YIQ color 140.5460, 59.6960, -2.5760.

-2.5760.

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

140.5460, 59.6960, -2.5760

Protanopia

139.5480, 29.8510, -17.8690

Deuteranopia

140.2080, 45.6680, -12.6680



Tritanopia

144.2450, 45.3870, 19.9710

Trichromacy



Original Color

140.5460, 59.6960, -2.5760

Protanomaly

139.9840, 40.4870, -12.3850

Deuteranomaly

140.0670, 50.6190, -8.7810

Tritanomaly

143.3130, 50.7070, 11.6590

Monochromacy



Original Color

140.5460, 59.6960, -2.5760

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

141.0810, 21.6410, -1.2310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.5460, 59.6960, -2.5760 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(196, 126, 70)` looks like.

```
.text, #text, p{  
    color:rgb(196, 126, 70)  
}
```

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(196, 126, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 126, 70) }
```

Border

The CSS property to change the border of an element to YIQ 140.5460, 59.6960, -2.5760 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(196, 126, 70) }
```


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

```
.border{ border-color:rgb(196, 126, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 126, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 126, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 126, 70);  
box-shadow:4px 4px 4px 4px rgb(196, 126,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 140.5460, 59.6960, -2.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 126, 70) }
```

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

```
.background{ background-color: rgb(196,  
126, 70) }
```

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