

Converting Colors

YIQ(157.3280, 70.4320,
-42.9760)

Have a look what the booklet for
YIQ(157.3280, 70.4320, -42.9760)
contains.

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Color

**YIQ(157.3280, 70.4320,
-42.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A606
RGB	198, 166, 6
RGB Percent	78%, 65%, 2%
CMY	0.2236, 0.3491, 0.9760
CMYK	0.00, 0.16, 0.97, 0.22
HSL	50°, 94%, 40%
HSV	50°, 97%, 78%
XYZ	36.9543, 39.2857, 5.8105
YIQ	157.3280, 70.4320, -42.9760

Conversions

Conversions Part 2

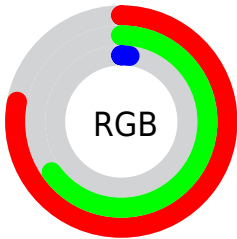
Format	Color
RYB	44, 198, 6
Decimal	13018630
CIELab	68.96, -1.27, 71.18
CIELCh	69, 71.193, 91.018
Yxy	39.2857, 0.4504, 0.4788
Android (android.graphics.Color)	4291208710 (0xFFC6A606)
YUV	157.3280, -74.6047, 35.6693
Hunter-Lab	62.6783, -4.4460, 38.3785

Details

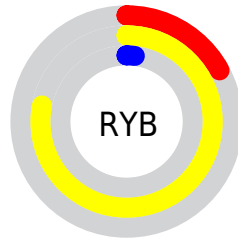
The YIQ color **157.3280, 70.4320, -42.9760** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **46.6720, -70.4320, 42.9760**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9780, 65.8460, -36.9540**, and **109.0660, 51.2190, -30.6770** is the 20% darker color. If you saturate the color by 10%, you get **156.0570, 72.6330, -44.3190**, and if you desaturate by 10%, it is **161.3690, 63.1870, -38.3250**.

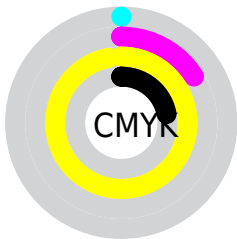
Distribution



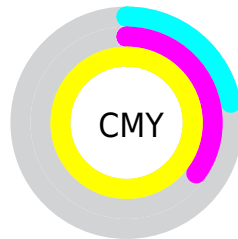
- Red (78%)
- Green (65%)
- Blue (2%)



- Red (17%)
- Yellow (78%)
- Blue (2%)



- Cyan (0%)
- Magenta (16%)
- Yellow (97%)
- Black (22%)



- Cyan (22%)
- Magenta (35%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.3280, 70.4320, -42.9760 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 157.3280, 70.4320, -42.9760 by changing the saturation by 10% instead.

■ 157.3280, 70.4320,
-42.9760

■ 157.3280, 70.4320,
-42.9760

■ 255.0000, -0.0000,
-0.0000

■ 132.4120, 61.6280,
-37.6040

■ 214.9780, 65.8460,
-36.9540

■ 109.0660, 51.2190,
-30.6770

■ 234.6060, 49.1580,
-42.8900

■ 86.0190, 41.4060,
-23.5380

■ 241.3200, 38.5200,
-37.3200

■ 64.1460, 31.0430,
-17.4450

■ 244.5120, 29.5320,
-28.6120

■ 43.1590, 21.0010,
-11.6630

■ 247.8180, 20.2230,
-19.5930

■ 24.2430, 12.1970,
-6.2910

■ 251.1240, 10.9140,

■ 0.0000, 0.0000,

-10.5740

0.0000

254.4300, 1.6050,
-1.5550

157.3280, 70.4320,
-42.9760

157.3280, 70.4320,
-42.9760

156.0570, 72.6330,
-44.3190

161.3690, 63.1870,
-38.3250

165.9970, 55.6670,
-34.1970

170.0380, 48.4220,
-29.5460

173.9650, 41.4980,
-25.2060

178.5930, 33.9780,
-21.0780

■ 182.6340, 26.7330,
-16.4270

■ 186.6750, 19.4880,
-11.7760

■ 190.7160, 12.2430,
-7.1250

■ 195.2300, 5.0440,
-3.3080

Harmonies

Analogous

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



162.7330, 92.6620, -5.3060



157.3280, 70.4320, -42.9760



152.7910, 14.5440, -54.3520

Triad

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



157.3280, 70.4320, -42.9760



142.7880, -129.2430, -31.0910



171.3280, 39.4650, 61.2330

Complementary

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



157.3280, 70.4320, -42.9760



46.6720, -70.4320, 42.9760

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.



167.9500, -21.7850, 36.8950



157.3280, 70.4320, -42.9760



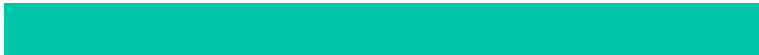
141.1870, -134.3800, -20.5880

Square

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



157.3280, 70.4320, -42.9760



135.4920, -108.6990, -50.9950



131.7950, -129.9800, -12.2200



156.5590, 69.1310, 52.2270

Rectangle

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



157.3280, 70.4320, -42.9760



142.9930, -35.9350, -59.1270



131.7950, -129.9800, -12.2200



172.6830, 19.2920, 57.8840

Sweetspot

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



157.3280, 70.4320, -42.9760



239.5200, 27.0540, -16.7380



67.3980, 103.1970, 51.5890



118.1740, 16.6450, -9.8110



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.



157.3280, 70.4320, -42.9760



200.6890, 93.6800, -56.8160



157.8730, 25.2760, -72.6440



97.3870, 3.1640, -2.2760



128.5690, 59.7480, -36.5720



28.3740, 13.2060, -8.0580

Inverse Universe

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



46.6720, -70.4320, 42.9760



54.3110, -93.6800, 56.8160



46.1270, -25.2760, 72.6440



91.6130, -3.1640, 2.2760



34.4310, -59.7480, 36.5720



7.6260, -13.2060, 8.0580

Previews

White Background



This preview shows how the YIQ color 157.3280, 70.4320, -42.9760 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 157.3280, 70.4320, -42.9760 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 157.3280, 70.4320, -42.9760

Background



This preview shows how black text looks on a background with the YIQ color 157.3280, 70.4320, -42.9760.



This preview shows how white text looks on a background with the YIQ color 157.3280, 70.4320, -42.9760.

-42.9760.

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

157.3280, 70.4320, -42.9760

Protanopia

157.0390, 63.8760, -45.3080

Deuteranopia

159.6590, 77.1700, -32.9260



Tritanopia

171.2150, 27.7360, 14.9680

Trichromacy



Original Color

157.3280, 70.4320, -42.9760

Protanomaly

157.2350, 66.2600, -44.4600

Deuteranomaly

158.8820, 74.9240, -36.2760

Tritanomaly

166.0540, 43.4660, -5.7980

Monochromacy



Original Color

157.3280, 70.4320, -42.9760

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

156.9760, 25.7700, -15.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.3280, 70.4320, -42.9760 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(198, 166, 6)` looks like.

```
.text, #text, p{  
    color:rgb(198, 166, 6)  
}
```

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(198, 166, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 166, 6) }
```

Border

The CSS property to change the border of an element to YIQ 157.3280, 70.4320, -42.9760 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(198, 166, 6) }
```


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

```
.border{ border-color:rgb(198, 166, 6) }
```

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

Here you see how a box with a 4 pixel rgb(198, 166, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 166, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 166, 6);  
box-shadow:4px 4px 4px 4px rgb(198, 166,  
6) }
```

Background

The CSS property to change the background color of an element to YIQ 157.3280, 70.4320, -42.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 166, 6) }
```

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

```
.background{ background-color: rgb(198,  
166, 6) }
```

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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