

Converting Colors

YIQ(157.3290, 70.9730, 7.8130)

Have a look what the booklet for
YIQ(157.3290, 70.9730, 7.8130)
contains.

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Color

**YIQ(157.3290, 70.9730,
7.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	E6855C
RGB	230, 133, 92
RGB Percent	90%, 52%, 36%
CMY	0.0978, 0.4786, 0.6389
CMYK	0.00, 0.42, 0.60, 0.10
HSL	18°, 73%, 63%
HSV	18°, 60%, 90%
XYZ	42.9671, 34.3696, 14.5129
YIQ	157.3290, 70.9730, 7.8130

Conversions

Conversions Part 2

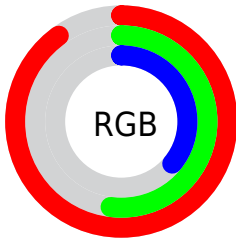
Format	Color
R _Y B	230, 150, 92
Decimal	15107420
CIE Lab	65.25, 33.50, 37.93
CIE LCh	65, 50.608, 48.548
Yxy	34.3696, 0.4678, 0.3742
Android (android.graphics.Color)	4293297500 (0xFFE6855C)
YUV	157.3290, -32.2072, 63.7325
Hunter-Lab	58.6256, 28.2291, 26.3605

Details

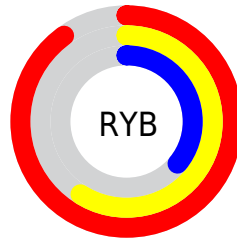
The YIQ color **157.3290, 70.9730, 7.8130** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **164.6710, -70.9730, -7.8130**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3160, 54.6520, 0.7320**, and **103.9800, 64.6460, 6.8380** is the 20% darker color. If you saturate the color by 10%, you get **145.3150, 82.7560, 9.0280**, and if you desaturate by 10%, it is **169.3430, 59.1900, 6.5980**.

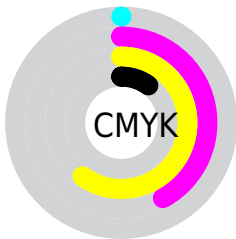
Distribution



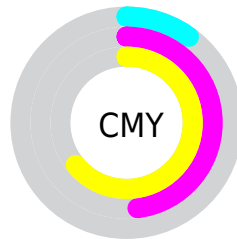
- Red (90%)
- Green (52%)
- Blue (36%)



- Red (90%)
- Yellow (59%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (60%)
- Black (10%)



- Cyan (10%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.3290, 70.9730, 7.8130 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 157.3290, 70.9730, 7.8130 by changing the saturation by 10% instead.

157.3290, 70.9730,
7.8130

157.3290, 70.9730,
7.8130

255.0000, -0.0000,
-0.0000

130.3610, 67.9470,
7.5870

202.3160, 54.6520,
0.7320

104.0940, 64.3250,
7.1490

221.8300, 38.2850,
-5.5150

78.1260, 61.2990,
6.9230

241.9310, 21.6430,
-12.2850

52.8590, 57.6770,
6.4850

251.6940, 9.3090,
-9.0190

27.7520, 48.0930,
14.9810

254.8860, 0.3210,
-0.3110

16.7440, 33.3760,
11.8720

7.8880, 15.1750,

5.8230

■ 0.0000, 0.0000,
0.0000

■ 157.3290, 70.9730,
7.8130

■ 157.3290, 70.9730,
7.8130

■ 145.3150, 82.7560,
9.0280

■ 169.3430, 59.1900,
6.5980

■ 133.3010, 94.5390,
10.2430

■ 181.3570, 47.4070,
5.3830

■ 120.7000,
106.5970, 11.9810

■ 193.9580, 35.3490,
3.6450

■ 108.6860,
118.3800, 13.1960

■ 205.9720, 23.5660,
2.4300

■ 217.9860, 11.7830,
1.2150

■ 230.0000, -0.0000,
0.0000

■ 242.0140,
-11.7830, -1.2150

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



158.7320, 69.1810, 29.2850



157.3290, 70.9730, 7.8130



155.1890, 55.8470, -15.4250

Triad

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



157.3290, 70.9730, 7.8130



121.5060, -94.1190, -50.9110



157.0950, -41.7270, 23.8490

Complementary

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



157.3290, 70.9730, 7.8130



164.6710, -70.9730, -7.8130

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.



126.7740, -125.4870, -11.0470



157.3290, 70.9730, 7.8130



127.4510, -109.4810, -36.8170

Square

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



157.3290, 70.9730, 7.8130



145.0640, -16.3610, -39.4090



130.1360, -121.1750, -23.1190



163.1140, 9.9880, 39.2680

Rectangle

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



157.3290, 70.9730, 7.8130



152.6440, 37.9680, -27.3120



130.1360, -121.1750, -23.1190



152.1030, -62.5410, 15.5950

Sweetspot

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



157.3290, 70.9730, 7.8130



230.9720, 23.5660, 2.4300



144.5480, 50.4690, 60.0450



112.9540, 14.8090, 1.4410



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.



157.3290, 70.9730, 7.8130



158.3010, 94.5390, 10.2430



196.6580, 52.5480, -27.2280



108.9360, 6.0520, 0.4520



84.6320, 92.1090, 10.2290



24.0540, 26.2710, 2.9670

Inverse Universe

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



164.6710, -70.9730, -7.8130



168.2860, -94.8140, -10.7660



125.3420, -52.5480, 27.2280



109.0640, -6.0520, -0.4520



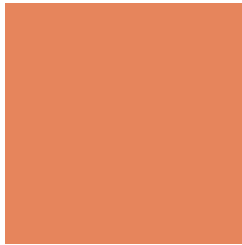
94.3680, -92.1090, -10.2290



26.9460, -26.2710, -2.9670

Previews

White Background



This preview shows how the YIQ color 157.3290, 70.9730, 7.8130 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 157.3290, 70.9730, 7.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

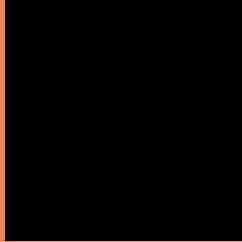
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.3290, 70.9730, 7.8130

Background



This preview shows how black text looks on a background with the YIQ color 157.3290, 70.9730, 7.8130.



This preview shows how white text looks on a background with the YIQ color 157.3290, 70.9730,

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

157.3290, 70.9730, 7.8130

Protanopia

156.6880, 26.6410, -14.7590

Deuteranopia

156.6750, 45.8510, -10.4770



Tritanopia

159.8340, 59.9660, 25.5820

Trichromacy



Original Color

157.3290, 70.9730, 7.8130

Protanomaly

157.2280, 42.9160, -6.8440

Deuteranomaly

156.5670, 55.2030, -3.7490

Tritanomaly

158.8850, 63.9560, 19.3480

Monochromacy



Original Color

157.3290, 70.9730, 7.8130

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.0540, 26.2710, 2.9670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.3290, 70.9730, 7.8130 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(230, 133, 92)` looks like.

```
.text, #text, p{  
    color:rgb(230, 133, 92)  
}
```

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(230, 133, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 133, 92) }
```

Border

The CSS property to change the border of an element to YIQ 157.3290, 70.9730, 7.8130 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(230, 133, 92) }
```


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

```
.border{ border-color:rgb(230, 133, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 133, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 133, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 133, 92);  
box-shadow:4px 4px 4px 4px rgb(230, 133,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 157.3290, 70.9730, 7.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 133, 92) }
```

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

```
.background{ background-color: rgb(230,  
133, 92) }
```

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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