

Converting Colors

YIQ(159.2280, 69.2790, -5.5450)

Have a look what the booklet for
YIQ(159.2280, 69.2790, -5.5450)
contains.

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Color

**YIQ(159.2280, 69.2790,
-5.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9049
RGB	222, 144, 73
RGB Percent	87%, 56%, 29%
CMY	0.1293, 0.4354, 0.7134
CMYK	0.00, 0.35, 0.67, 0.13
HSL	29°, 69%, 58%
HSV	29°, 67%, 87%
XYZ	41.3089, 35.9540, 11.0806
YIQ	159.2280, 69.2790, -5.5450

Conversions

Conversions Part 2

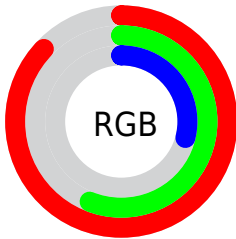
Format	Color
R _{YB}	222, 209, 73
Decimal	14585929
CIE Lab	66.48, 23.20, 48.84
CIE LCh	66, 54.070, 64.591
Yxy	35.9540, 0.4676, 0.4070
Android (android.graphics.Color)	4292776009 (0xFFDE9049)
YUV	159.2280, -42.5104, 55.0510
Hunter-Lab	59.9616, 18.0398, 31.0167

Details

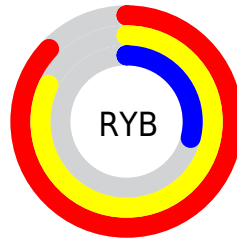
The YIQ color **159.2280, 69.2790, -5.5450** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **135.7720, -69.2790, 5.5450**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **206.6070, 57.7260, -10.9300**, and **105.5370, 63.9150, -7.4530** is the 20% darker color. If you saturate the color by 10%, you get **149.6760, 79.6410, -6.1110**, and if you desaturate by 10%, it is **168.7800, 58.9170, -4.9790**.

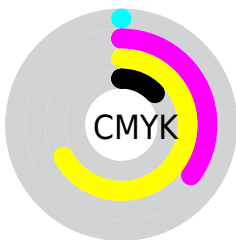
Distribution



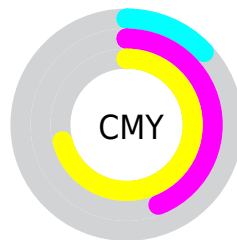
- Red (87%)
- Green (56%)
- Blue (29%)



- Red (87%)
- Yellow (82%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (67%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.2280, 69.2790, -5.5450 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 159.2280, 69.2790, -5.5450 by changing the saturation by 10% instead.

159.2280, 69.2790,
-5.5450

159.2280, 69.2790,
-5.5450

255.0000, -0.0000,
-0.0000

132.1460, 66.5740,
-6.0820

206.6070, 57.7260,
-10.9300

105.5370, 63.9150,
-7.4530

226.1210, 41.3590,
-17.1770

80.2700, 60.2930,
-7.8910

246.2220, 24.7170,
-23.9470

58.3970, 49.9300,
-1.7980

249.4140, 15.7290,
-15.2390

37.1110, 39.2920,
3.7720

252.7200, 6.4200,
-6.2200

16.1240, 29.2500,
9.5540

5.6810, 11.3240,

4.0280

■ 0.0000, 0.0000,
0.0000

■ 159.2280, 69.2790,
-5.5450

■ 159.2280, 69.2790,
-5.5450

■ 149.6760, 79.6410,
-6.1110

■ 168.7800, 58.9170,
-4.9790

■ 140.7110, 89.7280,
-7.2000

■ 177.7450, 48.8300,
-3.8900

■ 131.0450,
100.4110, -8.0770

■ 187.4110, 38.1470,
-3.0130

■ 128.6000,
103.1620, -8.3740

■ 196.9630, 27.7850,
-2.4470

■ 205.9280, 17.6980,
-1.3580

■ 215.4800, 7.3360,
-0.7920

■ 224.5590, -3.0720,
0.6080

■ 234.1110,
-13.4340, 1.1740

■ 241.6110,
-18.0180, -3.8580

Harmonies

Analogous

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



160.8280, 77.2980, 19.8420



159.2280, 69.2790, -5.5450



156.2380, 44.9830, -27.7930

Triad

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



159.2280, 69.2790, -5.5450



128.3340, -105.0780, -45.0300



165.3160, -14.1280, 35.7920

Complementary

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



159.2280, 69.2790, -5.5450



135.7720, -69.2790, 5.5450

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.



149.8560, -78.0830, 10.9170



159.2280, 69.2790, -5.5450



132.6320, -119.9360, -29.0560

Square

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



159.2280, 69.2790, -5.5450



138.5140, -53.0390, -46.5030



132.8720, -128.8790, -15.6550



165.6780, 34.8830, 45.1470

Rectangle

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



159.2280, 69.2790, -5.5450



152.9790, 20.5470, -36.4850



132.8720, -128.8790, -15.6550



162.5740, -32.6500, 30.0540

Sweetspot

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



159.2280, 69.2790, -5.5450



233.3370, 23.7960, -1.7400



126.6710, 63.1240, 56.4680



114.4870, 14.6260, -0.7500



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.



159.2280, 69.2790, -5.5450



168.0060, 96.1470, -7.8930



202.0790, 49.2040, -43.7240



107.2240, 5.1810, -0.2830



101.9320, 81.7960, -6.6200



27.8530, 22.2830, -1.8530

Inverse Universe

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



135.7720, -69.2790, 5.5450



135.5810, -96.4220, 7.3700



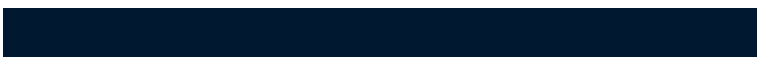
92.9210, -49.2040, 43.7240



105.7760, -5.1810, 0.2830



74.0680, -81.7960, 6.6200



20.1470, -22.2830, 1.8530

Previews

White Background



This preview shows how the YIQ color 159.2280, 69.2790, -5.5450 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 159.2280, 69.2790, -5.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

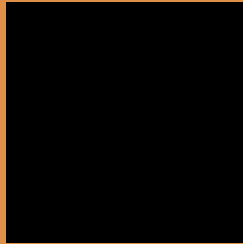
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.2280, 69.2790, -5.5450

Background



This preview shows how black text looks on a background with the YIQ color 159.2280, 69.2790, -5.5450.



This preview shows how white text looks on a background with the YIQ color 159.2280, 69.2790, -5.5450.

-5.5450.

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

159.2280, 69.2790, -5.5450

Protanopia

157.6210, 36.7750, -22.2090

Deuteranopia

158.4770, 54.9760, -16.1600



Tritanopia

164.3490, 51.0260, 22.4020

Trichromacy



Original Color

159.2280, 69.2790, -5.5450

Protanomaly

158.0680, 48.8780, -15.7780

Deuteranomaly

158.6350, 60.5230, -12.0610

Tritanomaly

162.4340, 57.6760, 12.0120

Monochromacy



Original Color

159.2280, 69.2790, -5.5450

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.4080, 25.0340, -2.1500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.2280, 69.2790, -5.5450 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(222, 144, 73)` looks like.

```
.text, #text, p{  
    color:rgb(222, 144, 73)  
}
```

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(222, 144, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 144, 73) }
```

Border

The CSS property to change the border of an element to YIQ 159.2280, 69.2790, -5.5450 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(222, 144, 73) }
```


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

```
.border{ border-color:rgb(222, 144, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 144, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 144, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 144, 73);  
box-shadow:4px 4px 4px 4px rgb(222, 144,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 159.2280, 69.2790, -5.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 144, 73) }
```

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

```
.background{ background-color: rgb(222,  
144, 73) }
```

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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