

Converting Colors

YIQ(150.8660, 72.9940,
-12.3020)

Have a look what the booklet for
YIQ(150.8660, 72.9940, -12.3020)
contains.

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Color

**YIQ(150.8660, 72.9940,
-12.3020)**

Conversions

Conversions Part 1	
Format	Color
Hex	D58B31
RGB	213, 139, 49
RGB Percent	84%, 55%, 19%
CMY	0.1646, 0.4550, 0.8075
CMYK	0.00, 0.35, 0.77, 0.16
HSL	33°, 66%, 51%
HSV	33°, 77%, 84%
XYZ	37.2338, 32.8294, 7.2902
YIQ	150.8660, 72.9940, -12.3020

Conversions

Conversions Part 2

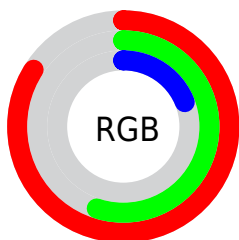
Format	Color
RYB	184, 213, 49
Decimal	13994801
CIELab	64.02, 20.93, 56.76
CIELCh	64, 60.492, 69.762
Yxy	32.8294, 0.4813, 0.4244
Android (android.graphics.Color)	4292184881 (0xFFD58B31)
YUV	150.8660, -50.2199, 54.4915
Hunter-Lab	57.2969, 15.7268, 32.5641

Details

The YIQ color **150.8660, 72.9940, -12.3020** 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 **111.1340, -72.9940, 12.3020**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0500, 66.4840, -15.4680**, and **97.9900, 66.7130, -14.1110** is the 20% darker color. If you saturate the color by 10%, you get **142.6020, 82.4850, -13.6030**, and if you desaturate by 10%, it is **159.1300, 63.5030, -11.0010**.

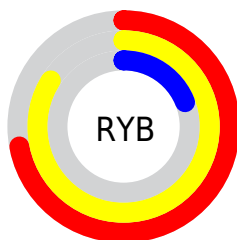
Distribution



Red (84%)

Green (55%)

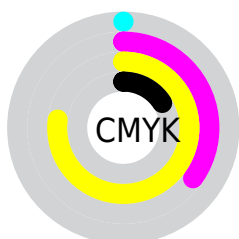
Blue (19%)



Red (72%)

Yellow (84%)

Blue (19%)

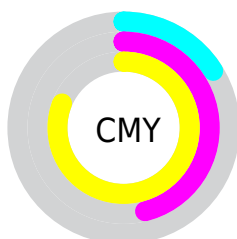


Cyan (0%)

Magenta (35%)

Yellow (77%)

Black (16%)



Cyan (16%)


Magenta (46%)


Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 150.8660, 72.9940, -12.3020 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 150.8660, 72.9940, -12.3020 by changing the saturation by 10% instead.


 150.8660, 72.9940,
-12.3020


 150.8660, 72.9940,
-12.3020


 255.0000, -0.0000,
-0.0000


 123.3280, 71.5730,
-14.0830


 201.0500, 66.4840,
-15.4680


 97.9900, 66.7130,
-14.1110


 219.9770, 50.3920,
-21.1920


 75.2310, 56.0290,
-7.7070


 240.0780, 33.7500,
-27.9620

 53.6460, 44.7950,
-2.3490

 246.7920, 23.1120,
-22.3920

 32.6590, 34.7530,
3.4330

 249.9840, 14.1240,
-13.6840

 12.5580, 25.0320,
8.9040

 253.2900, 4.8150,


 0.0000, 0.0000,


-4.6650


0.0000


 150.8660, 72.9940,
-12.3020


 150.8660, 72.9940,
-12.3020


 142.6020, 82.4850,
-13.6030


 159.1300, 63.5030,
-11.0010

 134.8110, 92.0220,
-15.7380

 166.9210, 53.9660,
-8.8660


 132.3660, 94.7730,
-16.0350

 175.1850, 44.4750,
-7.5650


 182.8620, 35.2590,
-5.7410

 191.2400, 25.4470,
-4.1290

 199.5040, 15.9560,
-2.8280

 207.1810, 6.7400,
-1.0040

 215.5590, -3.0720,
0.6080

 223.8230,
-12.5630, 1.9090

Harmonies

Analogous

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



151.7810, 84.6800, 18.2160



150.8660, 72.9940, -12.3020



146.8970, 44.2050, -35.7230

Triad

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



150.8660, 72.9940, -12.3020



125.8550, -104.9870, -41.1710



159.4360, -5.4180, 43.1420

Complementary

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



150.8660, 72.9940, -12.3020



111.1340, -72.9940, 12.3020

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.



143.3770, -77.9920, 14.7760



150.8660, 72.9940, -12.3020



130.4950, -120.8080, -24.2640

Square

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



150.8660, 72.9940, -12.3020



118.2970, -86.4610, -57.5410



129.4470, -128.8800, -10.1280



157.8260, 46.3900, 51.3660

Rectangle

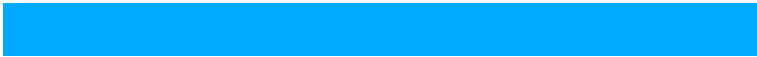
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



150.8660, 72.9940, -12.3020



143.5280, 14.2670, -43.8210



129.4470, -128.8800, -10.1280



157.1990, -26.9200, 36.3440

Sweetspot

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



150.8660, 72.9940, -12.3020



233.0120, 26.0890, -4.7510



106.8140, 73.0270, 58.7150



113.9170, 16.2310, -2.3050



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.



150.8660, 72.9940, -12.3020



165.9880, 104.5850, -17.6470



192.8090, 49.6640, -52.0640



102.8110, 4.9060, -0.8060



106.3070, 76.0660, -12.9100



26.9450, 19.0280, -3.4360

Inverse Universe

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



111.1340, -72.9940, 12.3020



109.0120, -104.5850, 17.6470



69.4900, -49.0680, 52.2760



100.1890, -4.9060, 0.8060



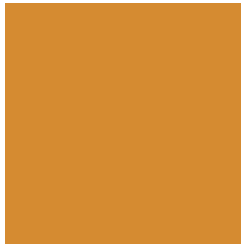
64.6930, -76.0660, 12.9100



16.6420, -19.3030, 2.9130

Previews

White Background



This preview shows how the YIQ color 150.8660, 72.9940, -12.3020 looks on a white background.

Color Contrast Check

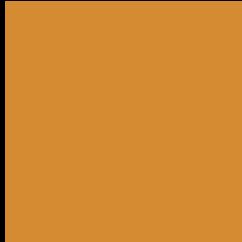
Large Text (above 18pt) WCAG AA × Fail

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 150.8660, 72.9940, -12.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

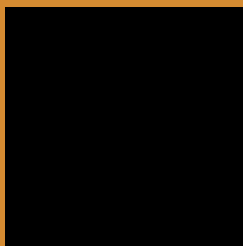
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 150.8660, 72.9940, -12.3020

Background



This preview shows how black text looks on a background with the YIQ color 150.8660, 72.9940, -12.3020.



This preview shows how white text looks on a background with the YIQ color 150.8660, 72.9940,

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

150.8660, 72.9940, -12.3020

Protanopia

149.7540, 43.4700, -27.9060

Deuteranopia

150.4250, 60.7540, -21.7580



Tritanopia

157.4520, 49.2380, 21.7660

Trichromacy



Original Color
150.8660, 72.9940, -12.3020

Protanomaly
150.1900, 54.1060, -22.4220

Deuteranomaly
150.8710, 65.4300, -18.3940

Tritanomaly
154.8530, 57.8140, 9.5100

Monochromacy



Original Color
150.8660, 72.9940, -12.3020

Achromatopsia
151.0000, -0.0000, 0.0000

Achromatomaly
151.3110, 26.6850, -4.5390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.8660, 72.9940, -12.3020 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(213, 139, 49)` looks like.

```
.text, #text, p{  
    color:rgb(213, 139, 49)  
}
```

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(213, 139, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 139, 49) }
```

Border

The CSS property to change the border of an element to YIQ 150.8660, 72.9940, -12.3020 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(213, 139, 49) }
```


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

```
.border{ border-color:rgb(213, 139, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 139, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 139, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 139, 49);  
box-shadow:4px 4px 4px 4px rgb(213, 139,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 150.8660, 72.9940, -12.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 139, 49) }
```

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

```
.background{ background-color: rgb(213,  
139, 49) }
```

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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