

Converting Colors

YIQ(89.2230, 14.9490, -12.1150)

Have a look what the booklet for
YIQ(89.2230, 14.9490, -12.1150)
contains.

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Color

**YIQ(89.2230, 14.9490,
-12.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	605D34
RGB	96, 93, 52
RGB Percent	38%, 36%, 20%
CMY	0.6235, 0.6353, 0.7960
CMYK	0.00, 0.03, 0.46, 0.62
HSL	56°, 30%, 29%
HSV	56°, 46%, 38%
XYZ	9.3580, 10.5631, 4.7972
YIQ	89.2230, 14.9490, -12.1150

Conversions

Conversions Part 2

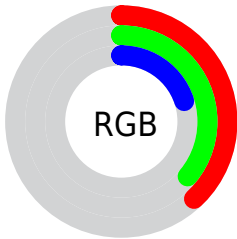
Format	Color
RYB	55, 96, 52
Decimal	6315316
CIELab	38.83, -5.48, 23.90
CIElCh	39, 24.524, 102.906
Yxy	10.5631, 0.3786, 0.4273
Android (android.graphics.Color)	4284505396 (0xFF605D34)
YUV	89.2230, -18.3509, 5.9434
Hunter-Lab	32.5010, -5.4815, 13.9993

Details

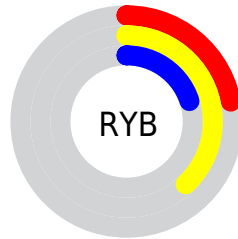
The YIQ color **89.2230, 14.9490, -12.1150** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **58.7770, -14.9490, 12.1150**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.4790, 17.1040, -12.6240**, and **42.7390, 13.4360, -12.2280** is the 20% darker color. If you saturate the color by 10%, you get **87.4960, 18.4340, -14.7020**, and if you desaturate by 10%, it is **90.9500, 11.4640, -9.5280**.

Distribution



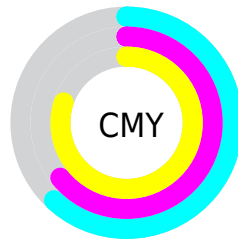
- Red (38%)
- Green (36%)
- Blue (20%)



- Red (22%)
- Yellow (38%)
- Blue (20%)



- Cyan (0%)
- Magenta (3%)
- Yellow (46%)
- Black (62%)



- Cyan (62%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.2230, 14.9490, -12.1150 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 89.2230, 14.9490, -12.1150 by changing the saturation by 10% instead.

■ 89.2230, 14.9490,
-12.1150

■ 89.2230, 14.9490,
-12.1150

■ 255.0000, -0.0000,
-0.0000

■ 66.0380, 14.0320,
-12.0160

■ 139.4790, 17.1040,
-12.6240

■ 42.7390, 13.4360,
-12.2280

■ 166.0660, 16.8290,
-13.1470

■ 23.9220, 8.6670,
-8.3970

■ 193.2510, 17.7460,
-13.2460

■ 0.0000, 0.0000,
0.0000

■ 221.3220, 18.9840,
-13.6560

■ 248.1260, 16.6000,
-14.5040

■ 252.4920, 7.0620,

-6.8420

■ 89.2230, 14.9490,
-12.1150

■ 89.2230, 14.9490,
-12.1150

■ 87.4960, 18.4340,
-14.7020

■ 90.9500, 11.4640,
-9.5280

■ 86.4700, 21.3230,
-17.5010

■ 91.9760, 8.5750,
-6.7290

■ 84.7430, 24.8080,
-20.0880

■ 93.7030, 5.0900,
-4.1420

■ 83.1300, 27.9720,
-22.3640

■ 95.3160, 1.9260,
-1.8660

■ 81.9900, 31.1820,
-25.4740

■ 96.4560, -1.2840,
1.2440

■ 80.9470, 32.7410,
-26.1950

■ 98.1830, -4.7690,
3.8310

■ 99.7960, -7.9330,
6.1070

■ 100.9360,
-11.1430, 9.2170

■ 102.5490,
-14.3070, 11.4930

Harmonies

Analogous

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



90.7240, 26.9600, -4.0160



89.2230, 14.9490, -12.1150



86.7200, -2.7480, -16.2840

Triad

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



89.2230, 14.9490, -12.1150



73.6360, -63.8650, -15.4890



93.8320, 18.7490, 18.1490

Complementary

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



89.2230, 14.9490, -12.1150



58.7770, -14.9490, 12.1150

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.



93.9100, 0.9140, 16.4820



89.2230, 14.9490, -12.1150



83.9040, -43.6480, -1.9200

Square

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



89.2230, 14.9490, -12.1150



76.6560, -49.4220, -18.4300



90.6730, -20.5880, 9.6840



92.9440, 29.9370, 13.6250

Rectangle

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



89.2230, 14.9490, -12.1150



84.0650, -16.9610, -17.5130



90.6730, -20.5880, 9.6840



94.1950, 13.2930, 17.9090

Sweetspot

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



89.2230, 14.9490, -12.1150



122.3610, 6.0530, -5.0750



65.6120, 24.9400, 10.5720



62.1590, 3.8060, -2.8980



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2230, 14.9490, -12.1150



114.1990, 23.5240, -18.8440



85.6020, 3.3960, -17.5000



47.5440, 1.2840, -1.2440



95.1230, 37.8770, -31.1710



202.6610, 81.7150, -65.7490

Inverse Universe

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



58.7770, -14.9490, 12.1150



66.8010, -23.5240, 18.8440



62.3980, -3.3960, 17.5000



44.4560, -1.2840, 1.2440



17.4640, -38.1520, 30.6480



36.7520, -81.4400, 66.2720

Previews

White Background



This preview shows how the YIQ color 89.2230, 14.9490, -12.1150 looks on a white 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

Black Background



This preview shows how the YIQ color 89.2230, 14.9490, -12.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

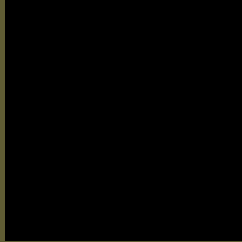
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.2230, 14.9490, -12.1150

Background



This preview shows how black text looks on a background with the YIQ color 89.2230, 14.9490, -12.1150.



This preview shows how white text looks on a background with the YIQ color 89.2230, 14.9490,

-12.1150.

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

89.2230, 14.9490, -12.1150

Protanopia

89.7180, 17.9290, -11.0550

Deuteranopia

90.3000, 25.2180, -5.4860



Tritanopia

92.6850, 5.5010, 4.9330

Trichromacy



Original Color

89.2230, 14.9490, -12.1150

Protanomaly

89.4190, 17.3330, -11.2670

Deuteranomaly

89.9790, 21.6880, -7.5920

Tritanomaly

91.4370, 8.8950, -1.5130

Monochromacy



Original Color

89.2230, 14.9490, -12.1150

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.0020, 5.6860, -3.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.2230, 14.9490, -12.1150 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(96, 93, 52) looks like.

```
.text, #text, p{  
    color:rgb(96, 93, 52)  
}
```

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(96, 93, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 93, 52) }
```

Border

The CSS property to change the border of an element to YIQ 89.2230, 14.9490, -12.1150 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(96, 93, 52) }
```


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

```
.border{ border-color:rgb(96, 93, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 93, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 93, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 93, 52);  
box-shadow:4px 4px 4px 4px rgb(96, 93, 52)  
}
```

Background

The CSS property to change the background color of an element to YIQ 89.2230, 14.9490, -12.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 93, 52) }
```

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

```
.background{ background-color: rgb(96, 93,  
52) }
```

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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