

Converting Colors

YIQ(129.2060, 66.3450, -7.4390)

Have a look what the booklet for
YIQ(129.2060, 66.3450, -7.4390)
contains.

YIQ(129.2060, 66.3450, -7.4390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.2060, 66.3450,
-7.4390)**

Conversions

Conversions Part 1

Format	Color
Hex	BC742B
RGB	188, 116, 43
RGB Percent	74%, 45%, 17%
CMY	0.2626, 0.5452, 0.8310
CMYK	0.00, 0.38, 0.77, 0.26
HSL	30°, 63%, 45%
HSV	30°, 77%, 74%
XYZ	27.4264, 23.3542, 5.3556
YIQ	129.2060, 66.3450, -7.4390

Conversions

Conversions Part 2

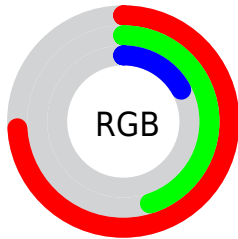
Format	Color
R _Y B	186, 188, 43
Decimal	12350507
CIE Lab	55.44, 22.49, 49.89
CIE LCh	55, 54.722, 65.729
Yxy	23.3542, 0.4886, 0.4160
Android (android.graphics.Color)	4290540587 (0xFFBC742B)
YUV	129.2060, -42.4996, 51.5623
Hunter-Lab	48.3262, 16.7325, 27.2577

Details

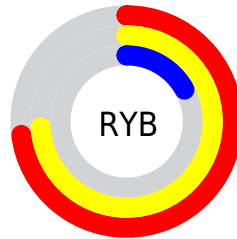
The YIQ color **129.2060, 66.3450, -7.4390** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **101.7940, -66.3450, 7.4390**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.6690, 72.3510, -6.1530**, and **77.9000, 58.4590, -7.6930** is the 20% darker color. If you saturate the color by 10%, you get **121.7570, 74.9190, -8.6410**, and if you desaturate by 10%, it is **136.6550, 57.7710, -6.2370**.

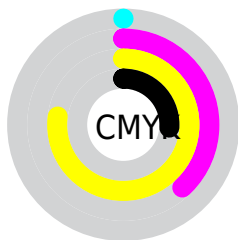
Distribution



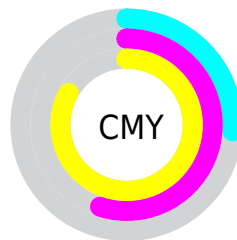
- Red (74%)
- Green (45%)
- Blue (17%)



- Red (73%)
- Yellow (74%)
- Blue (17%)



- Cyan (0%)
- Magenta (38%)
- Yellow (77%)
- Black (26%)





- Cyan (26%)
- Magenta (55%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.2060, 66.3450, -7.4390 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 129.2060, 66.3450, -7.4390 by changing the saturation by 10% instead.


 129.2060, 66.3450,
-7.4390


 129.2060, 66.3450,
-7.4390


255.0000, -0.0000,
-0.0000


 102.4830, 64.0070,
-9.1210


 183.7830, 72.0300,
-5.8420


 77.9000, 58.4590,
-7.6930


 204.8630, 59.8810,
-11.4390


 56.0270, 48.0960,
-1.6000


 224.3770, 43.5140,
-17.6860

 34.7410, 37.4580,
3.9700

 243.8910, 27.1470,
-23.9330

 14.0530, 28.0120,
9.9640

 248.8440, 17.3340,
-16.7940

 2.0930, 4.1720,
1.4840

 252.0360, 8.3460,

 0.0000, 0.0000,

-8.0860

0.0000

■ 129.2060, 66.3450,
-7.4390

■ 129.2060, 66.3450,
-7.4390

■ 121.7570, 74.9190,
-8.6410

■ 136.6550, 57.7710,
-6.2370

■ 113.7210, 83.7680,
-9.3200

■ 144.6910, 48.9220,
-5.5580

■ 111.9770, 85.9230,
-9.8290

■ 152.0260, 40.6690,
-4.6670

■ 159.4750, 32.0950,
-3.4650

■ 167.5110, 23.2460,
-2.7860

■ 174.9600, 14.6720,
-1.5840

■ 182.4090, 6.0980,
-0.3820

■ 190.4450, -2.7510,
0.2970

■ 197.7800,
-11.0040, 1.1880

Harmonies

Analogous

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



129.7460, 74.5930, 19.3050



129.2060, 66.3450, -7.4390



125.7000, 43.5620, -29.5740

Triad

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



129.2060, 66.3450, -7.4390



107.6460, -88.1610, -37.7370



135.6860, -12.2940, 35.5940

Complementary

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



129.2060, 66.3450, -7.4390



101.7940, -66.3450, 7.4390

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.



116.4850, -87.3440, 8.0480



129.2060, 66.3450, -7.4390



111.7160, -102.3770, -22.3850

Square

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



129.2060, 66.3450, -7.4390



100.2990, -71.6070, -51.4070



111.8420, -110.9990, -9.2950



134.9770, 35.4790, 45.3590

Rectangle

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



129.2060, 66.3450, -7.4390



122.7830, 18.1630, -37.3330



111.8420, -110.9990, -9.2950



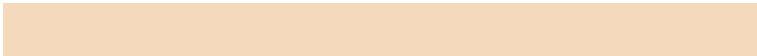
133.3460, -32.0080, 29.4320

Sweetspot

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



129.2060, 66.3450, -7.4390



222.0660, 25.9970, -3.0830



94.6770, 62.9870, 53.4430



108.1450, 15.5890, -1.6830



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



129.2060, 66.3450, -7.4390



152.6770, 104.2630, -11.8090



171.4700, 46.5450, -45.0950



90.6260, 3.9890, -0.7070



94.2020, 72.1680, -8.3440



18.0740, 14.3510, -1.2730

Inverse Universe

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



101.7940, -66.3450, 7.4390



109.3230, -104.2630, 11.8090



59.5300, -46.5450, 45.0950



88.9610, -4.2640, 0.1840



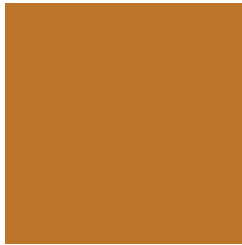
64.3850, -72.4430, 7.8210



12.3390, -14.0760, 1.7960

Previews

White Background



This preview shows how the YIQ color 129.2060, 66.3450, -7.4390 looks on a white 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

Black Background



This preview shows how the YIQ color 129.2060, 66.3450, -7.4390 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 × Fail

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

YIQ 129.2060, 66.3450, -7.4390

Background



This preview shows how black text looks on a background with the YIQ color 129.2060, 66.3450, -7.4390.



This preview shows how white text looks on a background with the YIQ color 129.2060, 66.3450, -7.4390.

-7.4390.

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

129.2060, 66.3450, -7.4390

Protanopia

128.0940, 36.8210, -23.0430

Deuteranopia

128.3410, 52.3630, -18.3650



Tritanopia

134.7290, 46.9000, 20.0840

Trichromacy



Original Color

129.2060, 66.3450, -7.4390

Protanomaly

128.5300, 47.4570, -17.5590

Deuteranomaly

128.4990, 57.9100, -14.2660

Tritanomaly

133.1130, 54.1460, 9.9060

Monochromacy



Original Color

129.2060, 66.3450, -7.4390

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8100, 23.8420, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2060, 66.3450, -7.4390 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(188, 116, 43)` looks like.

```
.text, #text, p{  
    color:rgb(188, 116, 43)  
}
```

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(188, 116, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 116, 43) }
```

Border

The CSS property to change the border of an element to YIQ 129.2060, 66.3450, -7.4390 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(188, 116, 43) }
```


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

```
.border{ border-color:rgb(188, 116, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 116, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 116, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 116, 43);  
box-shadow:4px 4px 4px 4px rgb(188, 116,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2060, 66.3450, -7.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 116, 43) }
```

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

```
.background{ background-color: rgb(188,  
116, 43) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor