

Converting Colors

YIQ(166.0590, 43.9290,
-30.7190)

Have a look what the booklet for
YIQ(166.0590, 43.9290, -30.7190)
contains.

YIQ(166.0590, 43.9290, -30.7190)	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(166.0590, 43.9290,
-30.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAE41
RGB	189, 174, 65
RGB Percent	74%, 68%, 25%
CMY	0.2589, 0.3177, 0.7448
CMYK	0.00, 0.08, 0.66, 0.26
HSL	53°, 49%, 50%
HSV	53°, 66%, 74%
XYZ	37.0751, 41.4697, 11.0615
YIQ	166.0590, 43.9290, -30.7190

Conversions

Conversions Part 2

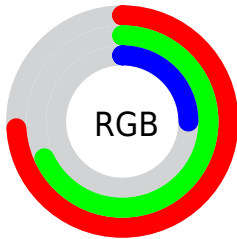
Format	Color
R _Y B	82, 189, 65
Decimal	12430913
CIE Lab	70.50, -7.53, 55.82
CIE LCh	71, 56.329, 97.684
Yxy	41.4697, 0.4138, 0.4628
Android (android.graphics.Color)	4290620993 (0xFFBDAE41)
YUV	166.0590, -49.8221, 20.1193
Hunter-Lab	64.3970, -9.9276, 34.8937

Details

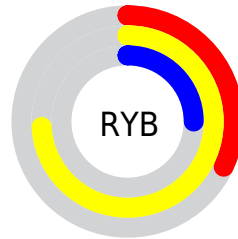
The YIQ color **166.0590, 43.9290, -30.7190** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **87.9410, -43.9290, 30.7190**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.0270, 46.9550, -30.4930**, and **111.0820, 45.1220, -35.8220** is the 20% darker color. If you saturate the color by 10%, you get **162.7190, 50.5780, -35.5820**, and if you desaturate by 10%, it is **169.3990, 37.2800, -25.8560**.

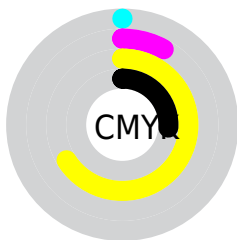
Distribution



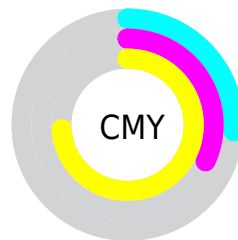
- Red (74%)
- Green (68%)
- Blue (25%)



- Red (32%)
- Yellow (74%)
- Blue (25%)



- Cyan (0%)
- Magenta (8%)
- Yellow (66%)
- Black (26%)





- Cyan (26%)
- Magenta (32%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.0590, 43.9290, -30.7190 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 166.0590, 43.9290, -30.7190 by changing the saturation by 10% instead.


 166.0590, 43.9290,
-30.7190

 166.0590, 43.9290,
-30.7190


255.0000, -0.0000,
-0.0000


 139.0480, 42.4620,
-31.6660


 222.0270, 46.9550,
-30.4930


 111.0820, 45.1220,
-35.8220


 242.4600, 35.3100,
-34.2100


 88.3340, 35.9050,
-28.4710


 245.6520, 26.3220,
-25.5020

 67.0590, 26.7340,
-21.9540

 248.8440, 17.3340,
-16.7940

 45.4850, 16.9670,
-15.6490

 252.1500, 8.0250,
-7.7750

 26.5690, 8.1630,
-10.2770

 1.7610, -0.8250,

-1.5690

■ 0.0000, 0.0000,
0.0000

■ 166.0590, 43.9290,
-30.7190

■ 166.0590, 43.9290,
-30.7190

■ 162.7190, 50.5780,
-35.5820

■ 169.3990, 37.2800,
-25.8560

■ 158.7920, 57.5020,
-39.9220

■ 173.3260, 30.3560,
-21.5160

■ 155.4520, 64.1510,
-44.7850

■ 176.6660, 23.7070,
-16.6530

■ 153.9530, 66.9940,
-46.7500

■ 180.0060, 17.0580,
-11.7900

■ 183.3460, 10.4090,
-6.9270

■ 187.1590, 3.8060,
-2.8980

■ 190.4990, -2.8430,
1.9650

■ 193.8390, -9.4920,
6.8280

■ 197.7660,
-16.4160, 11.1680

Harmonies

Analogous

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



169.6040, 70.9760, -8.7680



166.0590, 43.9290, -30.7190



159.7530, 0.5120, -42.3360

Triad

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



166.0590, 43.9290, -30.7190



141.7280, -129.0140, -29.7340



176.6680, 40.8430, 47.2670

Complementary

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



166.0590, 43.9290, -30.7190



87.9410, -43.9290, 30.7190

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.



177.0610, -8.8560, 39.3680



166.0590, 43.9290, -30.7190



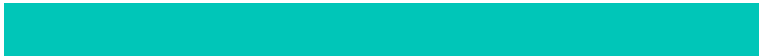
139.4260, -133.5550, -19.0190

Square

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



166.0590, 43.9290, -30.7190



137.2020, -113.5140, -46.3300



162.0050, -68.3170, 10.1390



169.1480, 65.3740, 37.7100

Rectangle

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



166.0590, 43.9290, -30.7190



152.4140, -38.1380, -46.7300



162.0050, -68.3170, 10.1390



177.5400, 26.5840, 46.8720

Sweetspot

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



166.0590, 43.9290, -30.7190



235.8920, 17.3790, -12.1010



104.0140, 68.4470, 31.5750



116.9330, 10.1340, -7.4500



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.



166.0590, 43.9290, -30.7190



208.7960, 68.8740, -47.7820



161.4090, 12.9840, -48.1040



92.3870, 3.1640, -2.2760



128.8350, 55.9430, -39.2010



25.1180, 11.0510, -7.5490

Inverse Universe

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



87.9410, -43.9290, 30.7190



87.2040, -68.8740, 47.7820



92.8900, -12.3880, 48.3160



86.6130, -3.1640, 2.2760



29.1650, -55.9430, 39.2010



5.8820, -11.0510, 7.5490

Previews

White Background



This preview shows how the YIQ color 166.0590, 43.9290, -30.7190 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 166.0590, 43.9290, -30.7190 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 166.0590, 43.9290, -30.7190

Background



This preview shows how black text looks on a background with the YIQ color 166.0590, 43.9290, -30.7190.



This preview shows how white text looks on a background with the YIQ color 166.0590, 43.9290,

-30.7190.

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

166.0590, 43.9290, -30.7190

Protanopia

166.6680, 46.5880, -29.3480

Deuteranopia

168.3050, 61.2120, -19.0440



Tritanopia

174.9470, 16.6870, 11.4630

Trichromacy



Original Color

166.0590, 43.9290, -30.7190

Protanomaly

166.3690, 45.9920, -29.5600

Deuteranomaly

167.8480, 55.0690, -23.3550

Tritanomaly

171.8380, 26.6390, -3.7050

Monochromacy



Original Color

166.0590, 43.9290, -30.7190

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

165.9350, 15.8200, -11.3800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.0590, 43.9290, -30.7190 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(189, 174, 65)` looks like.

```
.text, #text, p{  
    color:rgb(189, 174, 65)  
}
```

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(189, 174, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 174, 65) }
```

Border

The CSS property to change the border of an element to YIQ 166.0590, 43.9290, -30.7190 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(189, 174, 65) }
```


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

```
.border{ border-color:rgb(189, 174, 65) }
```

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

Here you see how a box with a 4 pixel rgb(189, 174, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 174, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 174, 65);  
box-shadow:4px 4px 4px 4px rgb(189, 174,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 166.0590, 43.9290, -30.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 174, 65) }
```

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

```
.background{ background-color: rgb(189,  
174, 65) }
```

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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