

Converting Colors

YIQ(165.5680, 61.4890,
-29.5750)

Have a look what the booklet for
YIQ(165.5680, 61.4890, -29.5750)
contains.

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Color

**YIQ(165.5680, 61.4890,
-29.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA82F
RGB	206, 168, 47
RGB Percent	81%, 66%, 18%
CMY	0.1921, 0.3412, 0.8153
CMYK	0.00, 0.18, 0.77, 0.19
HSL	46°, 63%, 50%
HSV	46°, 77%, 81%
XYZ	39.9691, 41.3275, 8.5689
YIQ	165.5680, 61.4890, -29.5750

Conversions

Conversions Part 2

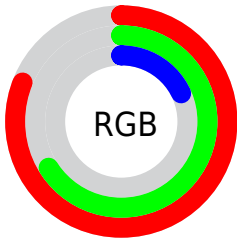
Format	Color
R_{YB}	97, 206, 47
Decimal	13543471
CIE _{Lab}	70.40, 2.16, 63.27
CIE _{LCh}	70, 63.304, 88.041
Yxy	41.3275, 0.4448, 0.4599
Android (android.graphics.Color)	4291733551 (0xFFCEA82F)
YUV	165.5680, -58.4540, 35.4589
Hunter-Lab	64.2865, -1.5218, 37.0977

Details

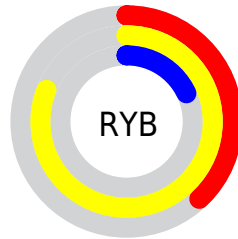
The YIQ color **165.5680, 61.4890, -29.5750** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **87.4320, -61.4890, 29.5750**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7740, 57.9130, -30.8470**, and **112.0450, 55.7120, -29.5040** is the 20% darker color. If you saturate the color by 10%, you get **160.2390, 69.6050, -33.4910**, and if you desaturate by 10%, it is **170.8970, 53.3730, -25.6590**.

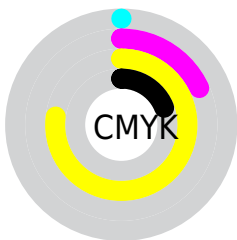
Distribution



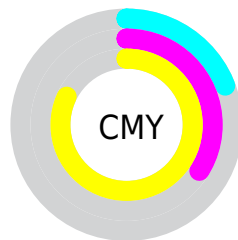
- Red (81%)
- Green (66%)
- Blue (18%)



- Red (38%)
- Yellow (81%)
- Blue (18%)



- Cyan (0%)
- Magenta (18%)
- Yellow (77%)
- Black (19%)



- Cyan (19%)
- Magenta (34%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.5680, 61.4890, -29.5750 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 165.5680, 61.4890, -29.5750 by changing the saturation by 10% instead.

■ 165.5680, 61.4890,
-29.5750

■ 165.5680, 61.4890,
-29.5750

■ 255.0000, -0.0000,
-0.0000

■ 137.2320, 62.3150,
-33.5330

■ 218.7740, 57.9130,
-30.8470

■ 112.0450, 55.7120,
-29.5040

■ 238.4020, 41.2250,
-36.7830

■ 89.5850, 45.6240,
-22.8880

■ 243.8280, 31.4580,
-30.4780

■ 67.7120, 35.2610,
-16.7950

■ 247.0200, 22.4700,
-21.7700

■ 46.7250, 25.2190,
-11.0130

■ 250.3260, 13.1610,
-12.7510

■ 26.9230, 16.0940,
-5.3300

■ 253.6320, 3.8520,

■ 2.3920, 4.7680,

-3.7320

1.6960

■ 0.0000, 0.0000,
0.0000

■ 165.5680, 61.4890,
-29.5750

■ 165.5680, 61.4890,
-29.5750

■ 160.2390, 69.6050,
-33.4910

■ 170.8970, 53.3730,
-25.6590

■ 155.0240, 77.4000,
-37.0960

■ 176.1120, 45.5780,
-22.0540

■ 153.7530, 79.6010,
-38.4390

■ 181.4410, 37.4620,
-18.1380

■ 186.6560, 29.6670,
-14.5330

■ 191.9850, 21.5510,
-10.6170

■ 197.3140, 13.4350,
-6.7010

■ 201.9420, 5.9150,
-2.5730

■ 207.2710, -2.2010,
1.3430

■ 212.4860, -9.9960,
4.9480

Harmonies

Analogous

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



168.8880, 85.0960, -0.3440



165.5680, 61.4890, -29.5750



160.2140, 18.0270, -45.8850

Triad

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



165.5680, 61.4890, -29.5750



142.4630, -126.9500, -34.1020



176.7950, 30.4800, 53.3600

Complementary

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



165.5680, 61.4890, -29.5750



87.4320, -61.4890, 29.5750

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.



172.3360, -26.0480, 31.5520



165.5680, 61.4890, -29.5750



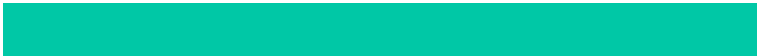
142.3610, -134.9300, -21.6340

Square

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



165.5680, 61.4890, -29.5750



136.3240, -108.2860, -52.9740



134.7300, -131.3550, -14.8350



166.3900, 62.1170, 47.1810

Rectangle

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



165.5680, 61.4890, -29.5750



153.2770, -21.8150, -50.7030



134.7300, -131.3550, -14.8350



177.3350, 11.2240, 49.9120

Sweetspot

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



165.5680, 61.4890, -29.5750



240.0560, 22.7890, -11.0270



99.1010, 81.9240, 46.1480



118.6130, 14.0310, -6.4890



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.



165.5680, 61.4890, -29.5750



194.5230, 91.7520, -43.8960



175.9140, 27.1990, -57.9290



99.6860, 3.7600, -2.0640



123.5960, 64.2860, -30.7060



28.3850, 14.6730, -7.1110

Inverse Universe

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



87.4320, -61.4890, 29.5750



78.4770, -91.7520, 43.8960



77.0860, -27.1990, 57.9290



94.3140, -3.7600, 2.0640



42.4040, -64.2860, 30.7060



9.6150, -14.6730, 7.1110

Previews

White Background



This preview shows how the YIQ color 165.5680, 61.4890, -29.5750 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 165.5680, 61.4890, -29.5750 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 165.5680, 61.4890, -29.5750

Background



This preview shows how black text looks on a background with the YIQ color 165.5680, 61.4890, -29.5750.



This preview shows how white text looks on a background with the YIQ color 165.5680, 61.4890,

-29.5750.

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

165.5680, 61.4890, -29.5750

Protanopia

164.7300, 52.0450, -34.6350

Deuteranopia

166.4380, 67.9070, -24.7410



Tritanopia

175.4110, 30.1200, 15.8160

Trichromacy



Original Color

165.5680, 61.4890, -29.5750

Protanomaly

165.0510, 55.5750, -32.5290

Deuteranomaly

165.7150, 65.5690, -26.4230

Tritanomaly

171.8460, 41.3560, -0.5960

Monochromacy



Original Color

165.5680, 61.4890, -29.5750

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.1700, 22.4680, -10.7160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.5680, 61.4890, -29.5750 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(206, 168, 47)` looks like.

```
.text, #text, p{  
    color:rgb(206, 168, 47)  
}
```

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(206, 168, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 168, 47) }
```

Border

The CSS property to change the border of an element to YIQ 165.5680, 61.4890, -29.5750 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(206, 168, 47) }
```


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

```
.border{ border-color:rgb(206, 168, 47) }
```

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

Here you see how a box with a 4 pixel rgb(206, 168, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 168, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 168, 47);  
box-shadow:4px 4px 4px 4px rgb(206, 168,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 165.5680, 61.4890, -29.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 168, 47) }
```

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

```
.background{ background-color: rgb(206,  
168, 47) }
```

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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