

Converting Colors

YIQ(179.6820, 61.1680,
-29.2640)

Have a look what the booklet for
YIQ(179.6820, 61.1680, -29.2640)
contains.

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Color

**YIQ(179.6820, 61.1680,
-29.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB63E
RGB	220, 182, 62
RGB Percent	86%, 71%, 24%
CMY	0.1372, 0.2863, 0.7565
CMYK	0.00, 0.17, 0.72, 0.14
HSL	46°, 69%, 55%
HSV	46°, 72%, 86%
XYZ	47.1129, 49.0142, 11.5473
YIQ	179.6820, 61.1680, -29.2640

Conversions

Conversions Part 2

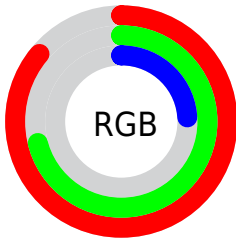
Format	Color
RYB	112, 220, 62
Decimal	14464574
CIELab	75.46, 1.48, 63.02
CIELCh	75, 63.039, 88.656
Yxy	49.0142, 0.4375, 0.4552
Android (android.graphics.Color)	4292654654 (0xFFDCB63E)
YUV	179.6820, -58.0172, 35.3589
Hunter-Lab	70.0102, -2.3974, 39.2279

Details

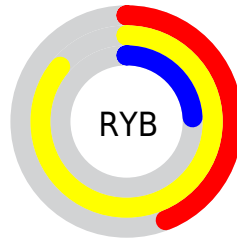
The YIQ color **179.6820, 61.1680, -29.2640** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **102.3180, -61.1680, 29.2640**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1750, 49.2940, -34.3380**, and **124.4490, 60.2060, -33.8580** is the 20% darker color. If you saturate the color by 10%, you get **174.2390, 69.6050, -33.4910**, and if you desaturate by 10%, it is **185.1250, 52.7310, -25.0370**.

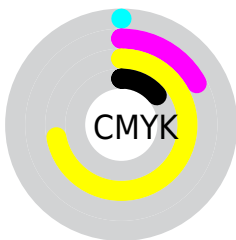
Distribution



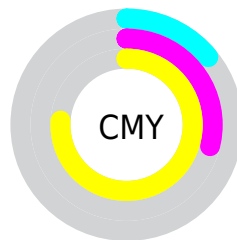
- Red (86%)
- Green (71%)
- Blue (24%)



- Red (44%)
- Yellow (86%)
- Blue (24%)



- Cyan (0%)
- Magenta (17%)
- Yellow (72%)
- Black (14%)



- Cyan (14%)
- Magenta (29%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.6820, 61.1680, -29.2640 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 179.6820, 61.1680, -29.2640 by changing the saturation by 10% instead.

■ 179.6820, 61.1680,
-29.2640

■ 179.6820, 61.1680,
-29.2640

■ 255.0000, -0.0000,
-0.0000

■ 151.4430, 60.3430,
-30.8330

■ 229.2890, 48.9730,
-34.0270

■ 123.8620, 60.4810,
-33.3350

■ 242.3460, 35.6310,
-34.5210

■ 101.1030, 49.7970,
-26.9310

■ 245.5380, 26.6430,
-25.8130

■ 78.9420, 40.3050,
-20.1030

■ 248.7300, 17.6550,
-17.1050

■ 57.0690, 29.9420,
-14.0100

■ 252.0360, 8.3460,
-8.0860

■ 36.9680, 20.2210,
-8.5390

■ 17.7530, 10.8210,

-3.3790

■ 0.0000, 0.0000,
0.0000

■ 179.6820, 61.1680,
-29.2640

■ 179.6820, 61.1680,
-29.2640

■ 174.2390, 69.6050,
-33.4910

■ 185.1250, 52.7310,
-25.0370

■ 168.2090, 78.3170,
-37.1950

■ 191.1550, 44.0190,
-21.3330

■ 163.8090, 85.1950,
-40.7010

■ 196.5980, 35.5820,
-17.1060

■ 202.0410, 27.1450,
-12.8790

■ 207.4840, 18.7080,
-8.6520

■ 213.5140, 9.9960,
-4.9480

■ 218.9570, 1.5590,
-0.7210

■ 224.4000, -6.8780,
3.5060

■ 229.8600,
-13.9850, 5.6550

Harmonies

Analogous

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



179.9690, 80.3740, -2.8740



179.6820, 61.1680, -29.2640



174.0290, 17.1100, -45.7860

Triad

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



179.6820, 61.1680, -29.2640



152.9780, -135.8900, -37.2820



190.9800, 31.3970, 53.2610

Complementary

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



179.6820, 61.1680, -29.2640



102.3180, -61.1680, 29.2640

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.



184.7510, -20.0870, 28.1450



179.6820, 61.1680, -29.2640



150.5790, -138.7800, -28.9560

Square

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



179.6820, 61.1680, -29.2640



146.2520, -116.9510, -55.6310



149.8360, -120.0300, -16.3340



176.6770, 53.8190, 43.3790

Rectangle

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



179.6820, 61.1680, -29.2640



167.5650, -22.6860, -51.4380



149.8360, -120.0300, -16.3340



190.3200, 15.5800, 48.0600

Sweetspot

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



179.6820, 61.1680, -29.2640



240.3980, 21.8260, -10.0940



113.8020, 81.3280, 45.9360



119.4280, 13.1140, -6.3900



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.



179.6820, 61.1680, -29.2640



198.9230, 84.8740, -40.3900



190.3270, 27.4740, -57.4060



106.9850, 4.3560, -1.8520



129.2110, 66.8080, -32.3600



34.2990, 17.7910, -8.5530

Inverse Universe

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



102.3180, -61.1680, 29.2640



91.4900, -84.5990, 40.9130



91.9720, -26.8780, 57.6180



101.4280, -4.0810, 2.3750



44.3760, -67.0830, 31.8370



11.7010, -17.7910, 8.5530

Previews

White Background



This preview shows how the YIQ color 179.6820, 61.1680, -29.2640 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 179.6820, 61.1680, -29.2640 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 179.6820, 61.1680, -29.2640

Background



This preview shows how black text looks on a background with the YIQ color 179.6820, 61.1680, -29.2640.



This preview shows how white text looks on a background with the YIQ color 179.6820, 61.1680,

-29.2640.

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

179.6820, 61.1680, -29.2640

Protanopia

178.5560, 52.5950, -33.5890

Deuteranopia

180.8620, 69.6490, -23.2710



Tritanopia

189.1230, 30.9910, 16.5510

Trichromacy



Original Color

179.6820, 61.1680, -29.2640

Protanomaly

179.1650, 55.2540, -32.2180

Deuteranomaly

180.4270, 66.4400, -25.6880

Tritanomaly

185.5580, 42.2270, 0.1390

Monochromacy



Original Color

179.6820, 61.1680, -29.2640

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.1700, 22.4680, -10.7160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.6820, 61.1680, -29.2640 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(220, 182, 62)` looks like.

```
.text, #text, p{  
    color:rgb(220, 182, 62)  
}
```

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(220, 182, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 182, 62) }
```

Border

The CSS property to change the border of an element to YIQ 179.6820, 61.1680, -29.2640 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(220, 182, 62) }
```


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

```
.border{ border-color:rgb(220, 182, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 182, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 182, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 182, 62);  
box-shadow:4px 4px 4px 4px rgb(220, 182,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 179.6820, 61.1680, -29.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 182, 62) }
```

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

```
.background{ background-color: rgb(220,  
182, 62) }
```

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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