

Converting Colors

YIQ(175.8210, 59.6990,
-19.1570)

Have a look what the booklet for
YIQ(175.8210, 59.6990, -19.1570)
contains.

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Color

**YIQ(175.8210, 59.6990,
-19.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAC4D
RGB	221, 172, 77
RGB Percent	87%, 67%, 30%
CMY	0.1333, 0.3255, 0.6977
CMYK	0.00, 0.22, 0.65, 0.13
HSL	40°, 68%, 58%
HSV	40°, 65%, 87%
XYZ	45.9142, 45.4085, 13.3806
YIQ	175.8210, 59.6990, -19.1570

Conversions

Conversions Part 2

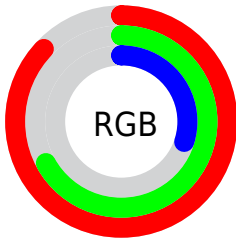
Format	Color
RYB	151, 221, 77
Decimal	14527565
CIELab	73.16, 8.01, 54.29
CIELCh	73, 54.878, 81.609
Yxy	45.4085, 0.4385, 0.4337
Android (android.graphics.Color)	4292717645 (0xFFDDAC4D)
YUV	175.8210, -48.7188, 39.6220
Hunter-Lab	67.3858, 3.6980, 35.3970

Details

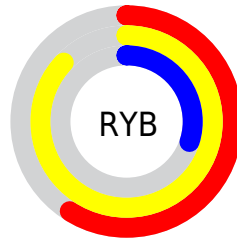
The YIQ color **175.8210, 59.6990, -19.1570** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **122.1790, -59.6990, 19.1570**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.3140, 47.8250, -24.2310**, and **121.3860, 56.4900, -21.5740** is the 20% darker color. If you saturate the color by 10%, you get **168.6170, 68.9610, -21.8150**, and if you desaturate by 10%, it is **183.0250, 50.4370, -16.4990**.

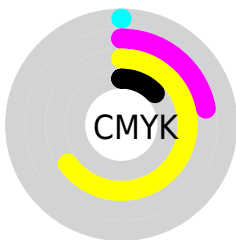
Distribution



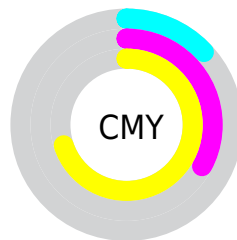
- Red (87%)
- Green (67%)
- Blue (30%)



- Red (59%)
- Yellow (87%)
- Blue (30%)



- Cyan (0%)
- Magenta (22%)
- Yellow (65%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.8210, 59.6990, -19.1570 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 175.8210, 59.6990, -19.1570 by changing the saturation by 10% instead.

175.8210, 59.6990,
-19.1570

175.8210, 59.6990,
-19.1570

255.0000, -0.0000,
-0.0000

148.6250, 57.3150,
-20.0050

224.3140, 47.8250,
-24.2310

121.5000, 56.1690,
-21.2630

243.8280, 31.4580,
-30.4780

95.8310, 53.7390,
-21.2770

246.9060, 22.7910,
-22.0810

73.9580, 43.3760,
-15.1840

250.2120, 13.4820,
-13.0620

52.6720, 32.7380,
-9.6140

253.5180, 4.1730,
-4.0430

32.5710, 23.0170,
-4.1430

11.3070, 15.3130,

3.3210

■ 0.0000, 0.0000,
0.0000

■ 175.8210, 59.6990,
-19.1570

■ 175.8210, 59.6990,
-19.1570

■ 168.6170, 68.9610,
-21.8150

■ 183.0250, 50.4370,
-16.4990

■ 162.0000, 77.9480,
-24.9960

■ 189.6420, 41.4500,
-13.3180

■ 154.7960, 87.2100,
-27.6540

■ 196.8460, 32.1880,
-10.6600

■ 151.7810, 91.5660,
-29.5060

■ 203.4630, 23.2010,
-7.4790

■ 210.7810, 13.6180,
-4.5100

■ 217.3980, 4.6310,
-1.3290

■ 224.6020, -4.6310,
1.3290

■ 231.2190,
-13.6180, 4.5100

■ 236.0290,
-16.1390, 0.6370

Harmonies

Analogous

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



177.6840, 77.1630, 5.7630



175.8210, 59.6990, -19.1570



171.4310, 25.0860, -36.1460

Triad

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



175.8210, 59.6990, -19.1570



144.8450, -125.3900, -40.3500



185.0980, 16.0850, 44.4130

Complementary

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



175.8210, 59.6990, -19.1570



122.1790, -59.6990, 19.1570

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.



177.8740, -33.7950, 23.2690



175.8210, 59.6990, -19.1570



146.4700, -136.8550, -25.2950

Square

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



175.8210, 59.6990, -19.1570



138.3300, -108.4230, -55.9990



143.9000, -126.0820, -16.7860



179.5950, 51.1140, 42.8420

Rectangle

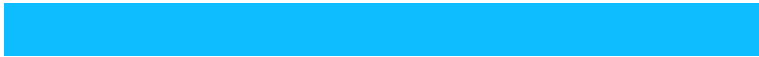
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175.8210, 59.6990, -19.1570



166.9310, -5.8610, -42.4770



143.9000, -126.0820, -16.7860



184.8940, -1.0160, 40.4560

Sweetspot

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



175.8210, 59.6990, -19.1570



239.2070, 21.0460, -6.9700



125.7560, 69.7740, 46.0780



118.0090, 12.9760, -3.8880



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.



175.8210, 59.6990, -19.1570



192.3980, 82.5790, -26.3250



198.0060, 33.1120, -49.4480



106.3980, 4.6310, -1.3290



118.6450, 71.7580, -22.9460



31.3640, 19.1660, -5.9380

Inverse Universe

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



122.1790, -59.6990, 19.1570



118.6020, -82.5790, 26.3250



99.9940, -33.1120, 49.4480



102.0150, -4.3560, 1.8520



54.3550, -71.7580, 22.9460



14.6360, -19.1660, 5.9380

Previews

White Background



This preview shows how the YIQ color 175.8210, 59.6990, -19.1570 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 175.8210, 59.6990, -19.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

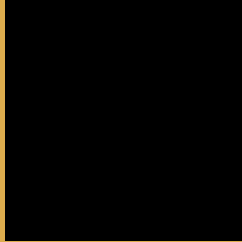
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 175.8210, 59.6990, -19.1570

Background



This preview shows how black text looks on a background with the YIQ color 175.8210, 59.6990, -19.1570.



This preview shows how white text looks on a background with the YIQ color 175.8210, 59.6990, -19.1570.

-19.1570.

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

175.8210, 59.6990, -19.1570

Protanopia

174.5800, 44.0200, -26.8600

Deuteranopia

175.8320, 61.1660, -18.2100



Tritanopia

183.1020, 35.4840, 17.7240

Trichromacy



Original Color

175.8210, 59.6990, -19.1570

Protanomaly

175.0970, 49.9340, -23.9060

Deuteranomaly

175.5330, 60.5700, -18.4220

Tritanomaly

180.5630, 43.8310, 4.1110

Monochromacy



Original Color

175.8210, 59.6990, -19.1570

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.0930, 21.3670, -7.2810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.8210, 59.6990, -19.1570 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(221, 172, 77)` looks like.

```
.text, #text, p{  
    color:rgb(221, 172, 77)  
}
```

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(221, 172, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 172, 77) }
```

Border

The CSS property to change the border of an element to YIQ 175.8210, 59.6990, -19.1570 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(221, 172, 77) }
```


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

```
.border{ border-color:rgb(221, 172, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 172, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 172, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 172, 77);  
box-shadow:4px 4px 4px 4px rgb(221, 172,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 175.8210, 59.6990, -19.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 172, 77) }
```

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

```
.background{ background-color: rgb(221,  
172, 77) }
```

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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