

Converting Colors

YIQ(175.0470, 61.3980,
-33.4340)

Have a look what the booklet for
YIQ(175.0470, 61.3980, -33.4340)
contains.

YIQ(175.0470, 61.3980, -33.4340)	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(175.0470, 61.3980,
-33.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B432
RGB	213, 180, 50
RGB Percent	84%, 71%, 20%
CMY	0.1647, 0.2942, 0.8036
CMYK	0.00, 0.15, 0.76, 0.16
HSL	48°, 66%, 52%
HSV	48°, 76%, 84%
XYZ	44.3364, 47.0139, 9.7654
YIQ	175.0470, 61.3980, -33.4340

Conversions

Conversions Part 2

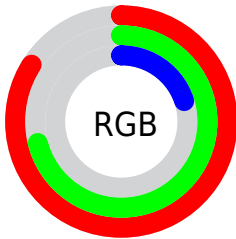
Format	Color
R _Y B	91, 213, 50
Decimal	14005298
CIE Lab	74.20, -1.01, 65.99
CIE LCh	74, 65.999, 90.881
Yxy	47.0139, 0.4385, 0.4650
Android (android.graphics.Color)	4292195378 (0xFFD5B432)
YUV	175.0470, -61.6482, 33.2848
Hunter-Lab	68.5667, -4.5704, 39.5525

Details

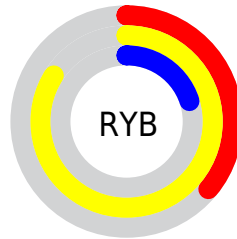
The YIQ color **175.0470, 61.3980, -33.4340** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **87.9530, -61.3980, 33.4340**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.2740, 53.3290, -35.8790**, and **121.1820, 56.5840, -34.2960** is the 20% darker color. If you saturate the color by 10%, you get **170.3050, 69.2390, -37.8730**, and if you desaturate by 10%, it is **179.7890, 53.5570, -28.9950**.

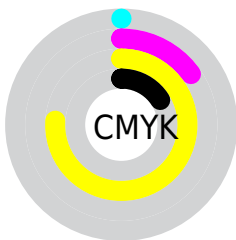
Distribution



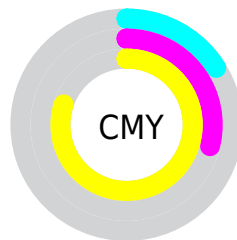
- Red (84%)
- Green (71%)
- Blue (20%)



- Red (36%)
- Yellow (84%)
- Blue (20%)



- Cyan (0%)
- Magenta (15%)
- Yellow (76%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.0470, 61.3980, -33.4340 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 175.0470, 61.3980, -33.4340 by changing the saturation by 10% instead.

■ 175.0470, 61.3980,
-33.4340

■ 175.0470, 61.3980,
-33.4340

■ 255.0000, -0.0000,
-0.0000

■ 146.1240, 62.4990,
-36.8690

■ 226.2740, 53.3290,
-35.8790

■ 121.1820, 56.5840,
-34.2960

■ 241.2060, 38.8410,
-37.6310

■ 98.1350, 46.7710,
-27.1570

■ 244.2840, 30.1740,
-29.2340

■ 75.6750, 36.6830,
-20.5410

■ 247.5900, 20.8650,
-20.2150

■ 54.3890, 26.0450,
-14.9710

■ 250.8960, 11.5560,
-11.1960

■ 34.5870, 16.9200,
-9.2880

■ 254.2020, 2.2470,

■ 14.4860, 7.1990,

-2.1770

-3.8170

■ 0.0000, 0.0000,
0.0000

■ 175.0470, 61.3980,
-33.4340

■ 175.0470, 61.3980,
-33.4340

■ 170.3050, 69.2390,
-37.8730

■ 179.7890, 53.5570,
-28.9950

■ 164.8620, 77.6760,
-42.1000

■ 185.2320, 45.1200,
-24.7680

■ 163.4770, 80.1980,
-43.7540

■ 189.9740, 37.2790,
-20.3290

■ 194.7160, 29.4380,
-15.8900

■ 200.1590, 21.0010,
-11.6630

■ 204.9010, 13.1600,
-7.2240

■ 209.6430, 5.3190,
-2.7850

■ 214.9720, -2.7970,
1.1310

■ 219.8280,
-10.9590, 5.8810

Harmonies

Analogous

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



176.9540, 84.7300, -4.7260



175.0470, 61.3980, -33.4340



169.0670, 13.9470, -49.0370

Triad

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



175.0470, 61.3980, -33.4340



151.5590, -136.0280, -34.7800



186.0130, 35.7980, 56.1020

Complementary

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



175.0470, 61.3980, -33.4340



87.9530, -61.3980, 33.4340

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.



182.1260, -16.6490, 31.9190



175.0470, 61.3980, -33.4340



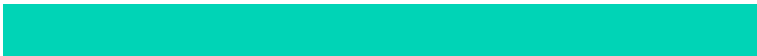
148.8180, -137.9550, -27.3870

Square

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



175.0470, 61.3980, -33.4340



145.1920, -116.7220, -54.2740



140.0130, -133.8300, -19.5420



171.0690, 58.5870, 45.0750

Rectangle

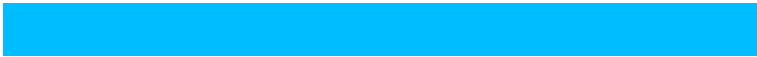
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175.0470, 61.3980, -33.4340



160.9770, -29.8380, -53.9820



140.0130, -133.8300, -19.5420



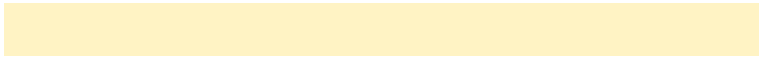
187.1080, 19.2930, 52.3570

Sweetspot

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



175.0470, 61.3980, -33.4340



241.2300, 22.2390, -12.0730



102.7270, 85.9130, 45.4410



119.2000, 13.7560, -7.0120



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.



175.0470, 61.3980, -33.4340



200.0340, 88.6350, -47.9810



180.6640, 24.9070, -60.4450



104.5720, 4.0810, -2.3750



130.9610, 64.5160, -34.8760



33.4020, 16.0030, -9.1890

Inverse Universe

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



87.9530, -61.3980, 33.4340



74.9660, -88.6350, 47.9810



82.3360, -24.9070, 60.4450



99.0150, -4.3560, 1.8520



40.0390, -64.5160, 34.8760



10.1850, -16.2780, 8.6660

Previews

White Background



This preview shows how the YIQ color 175.0470, 61.3980, -33.4340 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 175.0470, 61.3980, -33.4340 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 175.0470, 61.3980, -33.4340

Background



This preview shows how black text looks on a background with the YIQ color 175.0470, 61.3980, -33.4340.



This preview shows how white text looks on a background with the YIQ color 175.0470, 61.3980, -33.4340.

-33.4340.

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

175.0470, 61.3980, -33.4340

Protanopia

174.5300, 55.4840, -36.3880

Deuteranopia

176.0640, 71.8960, -25.4480



Tritanopia

185.6280, 28.0110, 15.4910

Trichromacy



Original Color

175.0470, 61.3980, -33.4340

Protanomaly

174.8400, 57.5470, -35.2290

Deuteranomaly

175.9170, 67.8160, -28.6000

Tritanomaly

181.6070, 40.5310, -2.1650

Monochromacy



Original Color

175.0470, 61.3980, -33.4340

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.2300, 22.2390, -12.0730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.0470, 61.3980, -33.4340 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(213, 180, 50)` looks like.

```
.text, #text, p{  
    color:rgb(213, 180, 50)  
}
```

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(213, 180, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 180, 50) }
```

Border

The CSS property to change the border of an element to YIQ 175.0470, 61.3980, -33.4340 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(213, 180, 50) }
```


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

```
.border{ border-color:rgb(213, 180, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 180, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 180, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 180, 50);  
box-shadow:4px 4px 4px 4px rgb(213, 180,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 175.0470, 61.3980, -33.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 180, 50) }
```

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

```
.background{ background-color: rgb(213,  
180, 50) }
```

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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