

Converting Colors

YIQ(173.4920, 85.0100,
-31.8380)

Have a look what the booklet for
YIQ(173.4920, 85.0100, -31.8380)
contains.

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Color

**YIQ(173.4920, 85.0100,
-31.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAB19
RGB	235, 171, 25
RGB Percent	92%, 67%, 10%
CMY	0.0784, 0.3295, 0.9015
CMYK	0.00, 0.27, 0.89, 0.08
HSL	42°, 84%, 51%
HSV	42°, 89%, 92%
XYZ	49.0006, 46.8510, 7.3868
YIQ	173.4920, 85.0100, -31.8380

Conversions

Conversions Part 2

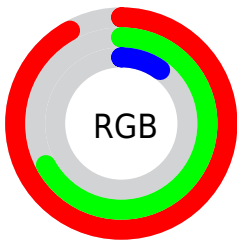
Format	Color
RYB	117, 235, 25
Decimal	15444761
CIELab	74.09, 12.58, 73.77
CIELCh	74, 74.831, 80.320
Yxy	46.8510, 0.4746, 0.4538
Android (android.graphics.Color)	4293634841 (0xFFEBAB19)
YUV	173.4920, -73.2066, 53.9425
Hunter-Lab	68.4478, 8.0014, 41.5150

Details

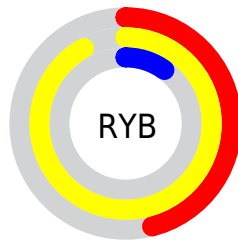
The YIQ color **173.4920, 85.0100, -31.8380** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **86.5080, -85.0100, 31.8380**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.0530, 61.2610, -36.4590**, and **121.8790, 70.9790, -25.3490** is the 20% darker color. If you saturate the color by 10%, you get **166.7610, 94.3180, -35.3300**, and if you desaturate by 10%, it is **180.3370, 75.3810, -28.0350**.

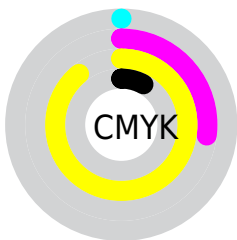
Distribution



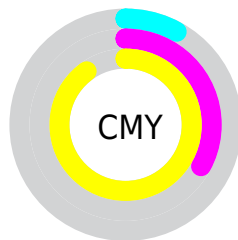
- Red (92%)
- Green (67%)
- Blue (10%)



- Red (46%)
- Yellow (92%)
- Blue (10%)



- Cyan (0%)
- Magenta (27%)
- Yellow (89%)
- Black (8%)





- Cyan (8%)
- Magenta (33%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.4920, 85.0100, -31.8380 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 173.4920, 85.0100, -31.8380 by changing the saturation by 10% instead.


 173.4920, 85.0100,
-31.8380


 173.4920, 85.0100,
-31.8380


255.0000, -0.0000,
-0.0000

 146.1110, 81.7090,
-32.5870


 219.0530, 61.2610,
-36.4590


 121.8790, 70.9790,
-25.3490


 239.2680, 44.2980,
-42.9180


 98.8210, 59.6990,
-19.1570


 242.4600, 35.3100,
-34.2100

 76.0620, 49.0150,
-12.7530

 245.6520, 26.3220,
-25.5020

 54.4770, 37.7810,
-7.3950

 248.9580, 17.0130,
-16.4830

 34.0770, 27.4640,
-2.1360

 252.2640, 7.7040,

 12.8130, 19.7600,

-7.4640

5.3280

■ 0.0000, 0.0000,
0.0000

■ 173.4920, 85.0100,
-31.8380

■ 173.4920, 85.0100,
-31.8380

■ 166.7610, 94.3180,
-35.3300

■ 180.3370, 75.3810,
-28.0350

■ 165.9460, 95.2350,
-35.4290

■ 187.0680, 66.0730,
-24.5430

■ 193.9130, 56.4440,
-20.7400

■ 201.2310, 46.8610,
-17.7710

■ 208.0760, 37.2320,
-13.9680

■ 214.8070, 27.9240,
-10.4760

■ 221.6520, 18.2950,
-6.6730

■ 228.3830, 8.9870,
-3.1810

■ 235.8150, -0.9170,
0.0990

Harmonies

Analogous

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



168.9640, 87.9380, 3.2180



173.4920, 85.0100, -31.8380



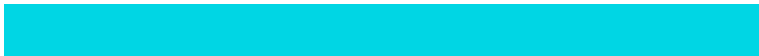
168.2530, 39.4860, -54.8340

Triad

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



173.4920, 85.0100, -31.8380



151.6100, -132.0380, -41.0140



185.6680, 23.6480, 56.0320

Complementary

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



173.4920, 85.0100, -31.8380



86.5080, -85.0100, 31.8380

Split Complementary

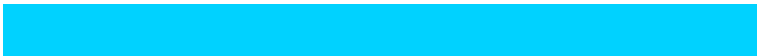
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



171.8830, -47.1820, 18.0820



173.4920, 85.0100, -31.8380



152.3400, -139.6050, -30.5250

Square

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



173.4920, 85.0100, -31.8380



142.9290, -108.9720, -62.5720



144.7090, -136.0300, -23.7260



168.5220, 53.3580, 57.2460

Rectangle

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



173.4920, 85.0100, -31.8380



162.4940, -6.7290, -59.7930



144.7090, -136.0300, -23.7260



183.1660, 4.2100, 44.8660

Sweetspot

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



173.4920, 85.0100, -31.8380



234.8070, 27.9240, -10.4760



95.4280, 103.6530, 65.3570



115.6950, 16.7360, -5.9520



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.



173.4920, 85.0100, -31.8380



180.1440, 103.3050, -38.5110



199.6980, 44.7620, -73.3660



113.9850, 4.3560, -1.8520



128.0810, 73.2260, -27.5260



37.8650, 22.0090, -7.9030

Inverse Universe

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



86.5080, -85.0100, 31.8380



74.8560, -103.3050, 38.5110



60.6010, -44.1660, 73.5780



109.0150, -4.3560, 1.8520



52.9190, -73.2260, 27.5260



15.5480, -21.7340, 8.4260

Previews

White Background



This preview shows how the YIQ color 173.4920, 85.0100, -31.8380 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 173.4920, 85.0100, -31.8380 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 173.4920, 85.0100, -31.8380

Background



This preview shows how black text looks on a background with the YIQ color 173.4920, 85.0100, -31.8380.



This preview shows how white text looks on a background with the YIQ color 173.4920, 85.0100,

-31.8380.

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

173.4920, 85.0100, -31.8380

Protanopia

172.3210, 63.1420, -43.0180

Deuteranopia

173.2420, 82.7180, -34.3540



Tritanopia

185.4840, 46.2120, 21.5400

Trichromacy



Original Color

173.4920, 85.0100, -31.8380

Protanomaly

173.1480, 71.1190, -38.9050

Deuteranomaly

173.0680, 83.2680, -33.3080

Tritanomaly

180.8930, 60.3370, 2.3290

Monochromacy



Original Color

173.4920, 85.0100, -31.8380

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.1340, 31.3170, -11.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.4920, 85.0100, -31.8380 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(235, 171, 25)` looks like.

```
.text, #text, p{  
    color:rgb(235, 171, 25)  
}
```

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(235, 171, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 171, 25) }
```

Border

The CSS property to change the border of an element to YIQ 173.4920, 85.0100, -31.8380 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(235, 171, 25) }
```


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

```
.border{ border-color:rgb(235, 171, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 171, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 171, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 171, 25);  
box-shadow:4px 4px 4px 4px rgb(235, 171,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 173.4920, 85.0100, -31.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 171, 25) }
```

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

```
.background{ background-color: rgb(235,  
171, 25) }
```

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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