

Converting Colors

YIQ(176.3380, 82.8080,
-24.9680)

Have a look what the booklet for
YIQ(176.3380, 82.8080, -24.9680)
contains.

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Color

**YIQ(176.3380, 82.8080,
-24.9680)**

Conversions

Conversions Part 1

Format	Color
Hex	F0AA2A
RGB	240, 170, 42
RGB Percent	94%, 67%, 16%
CMY	0.0587, 0.3334, 0.8348
CMYK	0.00, 0.29, 0.82, 0.06
HSL	39°, 87%, 55%
HSV	39°, 82%, 94%
XYZ	50.7317, 47.4354, 8.6828
YIQ	176.3380, 82.8080, -24.9680

Conversions

Conversions Part 2

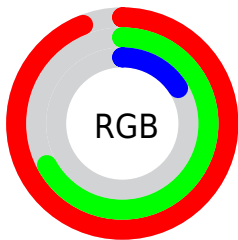
Format	Color
R _Y B	150, 240, 42
Decimal	15772202
CIE Lab	74.47, 15.64, 69.89
CIE LCh	74, 71.621, 77.386
Yxy	47.4354, 0.4748, 0.4439
Android (android.graphics.Color)	4293962282 (0xFFFF0AA2A)
YUV	176.3380, -66.2286, 55.8316
Hunter-Lab	68.8733, 10.9537, 40.7367

Details

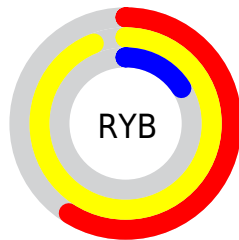
The YIQ color **176.3380, 82.8080, -24.9680** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **105.6620, -82.8080, 24.9680**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7200, 58.0050, -32.5150**, and **122.7870, 74.2340, -23.7660** is the 20% darker color. If you saturate the color by 10%, you get **168.3190, 92.9870, -27.7250**, and if you desaturate by 10%, it is **183.7700, 72.9040, -21.6880**.

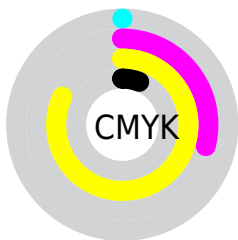
Distribution



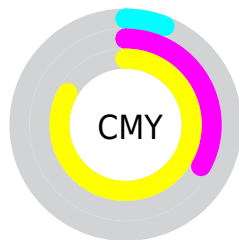
- Red (94%)
- Green (67%)
- Blue (16%)



- Red (59%)
- Yellow (94%)
- Blue (16%)



- Cyan (0%)
- Magenta (29%)
- Yellow (82%)
- Black (6%)





- Cyan (6%)
- Magenta (33%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.3380, 82.8080, -24.9680 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 176.3380, 82.8080, -24.9680 by changing the saturation by 10% instead.


 176.3380, 82.8080,
-24.9680


 176.3380, 82.8080,
-24.9680


255.0000, -0.0000,
-0.0000


 147.0190, 84.9640,
-31.0040


 219.7200, 58.0050,
-32.5150


 122.7870, 74.2340,
-23.7660


 239.8210, 41.3630,
-39.2850


 99.1420, 63.2290,
-17.0510


 243.6000, 32.1000,
-31.1000

 76.6710, 51.6740,
-11.3820

 246.7920, 23.1120,
-22.3920

 55.3850, 41.0360,
-5.8120

 250.0980, 13.8030,
-13.3730

 34.0990, 30.3980,
-0.2420

 253.4040, 4.4940,

 13.4220, 22.4190,

-4.3540

6.6990

■ 0.0000, 0.0000,
0.0000

■ 176.3380, 82.8080,
-24.9680

■ 176.3380, 82.8080,
-24.9680

■ 168.3190, 92.9870,
-27.7250

■ 183.7700, 72.9040,
-21.6880

■ 162.7450,
100.4150, -30.1850

■ 191.7890, 62.7250,
-18.9310

■ 199.2210, 52.8210,
-15.6510

■ 207.2400, 42.6420,
-12.8940

■ 214.6720, 32.7380,
-9.6140

■ 222.6910, 22.5590,
-6.8570

■ 230.1230, 12.6550,
-3.5770

■ 238.1420, 2.4760,
-0.8200

■ 245.2320, -6.4650,
1.5270

Harmonies

Analogous

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



170.2180, 84.4070, 6.6390



176.3380, 82.8080, -24.9680



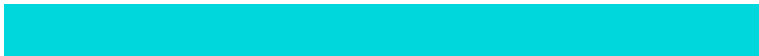
171.0840, 41.6400, -49.8160

Triad

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



176.3380, 82.8080, -24.9680



151.3990, -130.0660, -43.7140



186.7980, 17.2300, 51.1980

Complementary

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



176.3380, 82.8080, -24.9680



105.6620, -82.8080, 24.9680

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.



171.5400, -53.6460, 14.0820



176.3380, 82.8080, -24.9680



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.



176.3380, 82.8080, -24.9680



142.3590, -107.3670, -64.1270



145.8830, -136.5800, -24.7720



173.4290, 49.1860, 55.7620

Rectangle

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



176.3380, 82.8080, -24.9680



166.0220, 0.6520, -55.8920



145.8830, -136.5800, -24.7720



184.2960, -2.2080, 40.0320

Sweetspot

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



176.3380, 82.8080, -24.9680



234.2030, 26.8690, -7.8750



109.5240, 94.5750, 64.6790



115.3360, 16.3690, -4.8070



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.



176.3380, 82.8080, -24.9680



174.0290, 105.3670, -31.8250



209.6540, 48.0620, -67.0900



116.2840, 4.9520, -1.6400



124.8690, 76.9390, -23.2290



37.8760, 23.4760, -6.9560

Inverse Universe

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



105.6620, -82.8080, 24.9680



83.9710, -105.3670, 31.8250



72.6450, -47.4660, 67.3020



111.7160, -4.9520, 1.6400



59.1310, -76.9390, 23.2290



18.1240, -23.4760, 6.9560

Previews

White Background



This preview shows how the YIQ color 176.3380, 82.8080, -24.9680 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 176.3380, 82.8080, -24.9680 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 176.3380, 82.8080, -24.9680

Background



This preview shows how black text looks on a background with the YIQ color 176.3380, 82.8080, -24.9680.



This preview shows how white text looks on a background with the YIQ color 176.3380, 82.8080, -24.9680.

-24.9680.

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

176.3380, 82.8080, -24.9680

Protanopia

174.8460, 57.4100, -38.2540

Deuteranopia

175.7670, 76.9860, -29.5900



Tritanopia

185.9790, 49.1920, 22.6000

Trichromacy



Original Color

176.3380, 82.8080, -24.9680

Protanomaly

175.3850, 66.2580, -33.4060

Deuteranomaly

176.1910, 78.7280, -28.1200

Tritanomaly

182.0720, 61.3910, 5.2550

Monochromacy



Original Color

176.3380, 82.8080, -24.9680

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.1170, 29.9870, -9.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3380, 82.8080, -24.9680 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(240, 170, 42)` looks like.

```
.text, #text, p{  
    color:rgb(240, 170, 42)  
}
```

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(240, 170, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 170, 42) }
```

Border

The CSS property to change the border of an element to YIQ 176.3380, 82.8080, -24.9680 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(240, 170, 42) }
```


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

```
.border{ border-color:rgb(240, 170, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 170, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 170, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 170, 42);  
box-shadow:4px 4px 4px 4px rgb(240, 170,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3380, 82.8080, -24.9680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 170, 42) }
```

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

```
.background{ background-color: rgb(240,  
170, 42) }
```

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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