

Converting Colors

YIQ(173.9460, 68.8720,
-36.7280)

Have a look what the booklet for
YIQ(173.9460, 68.8720, -36.7280)
contains.

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Color

**YIQ(173.9460, 68.8720,
-36.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B323
RGB	217, 179, 35
RGB Percent	85%, 70%, 14%
CMY	0.1490, 0.2981, 0.8623
CMYK	0.00, 0.18, 0.84, 0.15
HSL	47°, 72%, 49%
HSV	47°, 84%, 85%
XYZ	45.0370, 47.1073, 8.3167
YIQ	173.9460, 68.8720, -36.7280

Conversions

Conversions Part 2

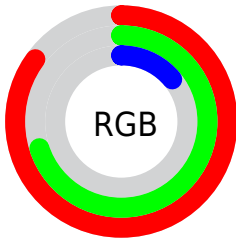
Format	Color
R _Y B	83, 217, 35
Decimal	14267171
CIE Lab	74.26, 0.76, 70.76
CIE LCh	74, 70.764, 89.385
Yxy	47.1073, 0.4483, 0.4689
Android (android.graphics.Color)	4292457251 (0xFFD9B323)
YUV	173.9460, -68.5004, 37.7584
Hunter-Lab	68.6348, -2.9821, 40.8600

Details

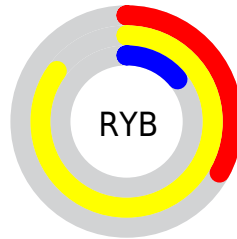
The YIQ color **173.9460, 68.8720, -36.7280** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **78.0540, -68.8720, 36.7280**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.4330, 57.1350, -38.7770**, and **121.4920, 58.6470, -33.1370** is the 20% darker color. If you saturate the color by 10%, you get **168.5030, 77.3090, -40.9550**, and if you desaturate by 10%, it is **179.3890, 60.4350, -32.5010**.

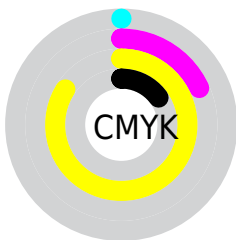
Distribution



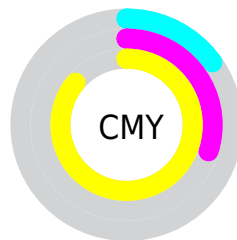
- Red (85%)
- Green (70%)
- Blue (14%)



- Red (33%)
- Yellow (85%)
- Blue (14%)



- Cyan (0%)
- Magenta (18%)
- Yellow (84%)
- Black (15%)



- Cyan (15%)
- Magenta (30%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.9460, 68.8720, -36.7280 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 173.9460, 68.8720, -36.7280 by changing the saturation by 10% instead.

■ 173.9460, 68.8720,
-36.7280

■ 173.9460, 68.8720,
-36.7280

■ 255.0000, -0.0000,
-0.0000

■ 145.1370, 69.6520,
-39.8520

■ 224.4330, 57.1350,
-38.7770

■ 121.4920, 58.6470,
-33.1370

■ 239.9520, 42.3720,
-41.0520

■ 98.4450, 48.8340,
-25.9980

■ 243.1440, 33.3840,
-32.3440

■ 75.6860, 38.1500,
-19.5940

■ 246.3360, 24.3960,
-23.6360

■ 54.6990, 28.1080,
-13.8120

■ 249.6420, 15.0870,
-14.6170

■ 34.5980, 18.3870,
-8.3410

■ 253.0620, 5.4570,

■ 14.7960, 9.2620,

-5.2870

-2.6580

■ 0.0000, 0.0000,
0.0000

■ 173.9460, 68.8720,
-36.7280

■ 173.9460, 68.8720,
-36.7280

■ 168.5030, 77.3090,
-40.9550

■ 179.3890, 60.4350,
-32.5010

■ 165.8470, 82.0320,
-43.9520

■ 184.2450, 52.2730,
-27.7510

■ 189.5740, 44.1570,
-23.8350

■ 194.4300, 35.9950,
-19.0850

■ 199.8730, 27.5580,
-14.8580

■ 204.6150, 19.7170,
-10.4190

■ 210.0580, 11.2800,
-6.1920

■ 214.9140, 3.1180,
-1.4420

■ 220.2430, -4.9980,
2.4740

Harmonies

Analogous

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



174.5090, 87.4810, -5.0230



173.9460, 68.8720, -36.7280



167.6990, 17.7990, -52.7690

Triad

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



173.9460, 68.8720, -36.7280



152.9610, -137.2200, -35.2040



185.7510, 33.7800, 59.6360

Complementary

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



173.9460, 68.8720, -36.7280



78.0540, -68.8720, 36.7280

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.



180.3320, -20.2250, 30.6470



173.9460, 68.8720, -36.7280



149.9920, -138.5050, -28.4330

Square

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



173.9460, 68.8720, -36.7280



145.4370, -116.0340, -55.7300



140.6000, -134.1050, -20.0650



168.0030, 58.9530, 49.4570

Rectangle

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



173.9460, 68.8720, -36.7280



159.6410, -29.0120, -57.9400



140.6000, -134.1050, -20.0650



186.5210, 19.5680, 52.8800

Sweetspot

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



173.9460, 68.8720, -36.7280



240.0730, 24.1190, -13.1050



93.9780, 95.6320, 51.0240



118.8580, 14.7190, -7.9450



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.



173.9460, 68.8720, -36.7280



194.8190, 96.4300, -51.5860



180.7040, 27.4300, -67.6260



106.9850, 4.3560, -1.8520



132.1460, 65.4330, -34.9750



34.8860, 17.5160, -9.0760

Inverse Universe

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



78.0540, -68.8720, 36.7280



60.1810, -96.4300, 51.5860



71.2960, -27.4300, 67.6260



101.4280, -4.0810, 2.3750



40.8540, -65.4330, 34.9750



11.1140, -17.5160, 9.0760

Previews

White Background



This preview shows how the YIQ color 173.9460, 68.8720, -36.7280 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 173.9460, 68.8720, -36.7280 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 173.9460, 68.8720, -36.7280

Background



This preview shows how black text looks on a background with the YIQ color 173.9460, 68.8720, -36.7280.



This preview shows how white text looks on a background with the YIQ color 173.9460, 68.8720, -36.7280.

-36.7280.

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

173.9460, 68.8720, -36.7280

Protanopia

173.1190, 60.8950, -40.8410

Deuteranopia

174.6530, 77.3070, -29.9010



Tritanopia

186.0090, 31.3120, 16.2400

Trichromacy



Original Color

173.9460, 68.8720, -36.7280

Protanomaly

173.7280, 63.5540, -39.4700

Deuteranomaly

174.2180, 74.0980, -32.3180

Tritanomaly

181.5320, 45.1160, -2.6600

Monochromacy



Original Color

173.9460, 68.8720, -36.7280

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1440, 25.3570, -13.5150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.9460, 68.8720, -36.7280 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(217, 179, 35)` looks like.

```
.text, #text, p{  
    color:rgb(217, 179, 35)  
}
```

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(217, 179, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 179, 35) }
```

Border

The CSS property to change the border of an element to YIQ 173.9460, 68.8720, -36.7280 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(217, 179, 35) }
```


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

```
.border{ border-color:rgb(217, 179, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 179, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 179, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 179, 35);  
box-shadow:4px 4px 4px 4px rgb(217, 179,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 173.9460, 68.8720, -36.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 179, 35) }
```

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

```
.background{ background-color: rgb(217,  
179, 35) }
```

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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