

Converting Colors

YIQ(173.9260, 71.6240,
-42.5520)

Have a look what the booklet for
YIQ(173.9260, 71.6240, -42.5520)
contains.

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Color

**YIQ(173.9260, 71.6240,
-42.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B616
RGB	216, 182, 22
RGB Percent	85%, 71%, 9%
CMY	0.1530, 0.2863, 0.9133
CMYK	0.00, 0.16, 0.90, 0.15
HSL	49°, 81%, 47%
HSV	49°, 90%, 85%
XYZ	45.1883, 48.1064, 7.6681
YIQ	173.9260, 71.6240, -42.5520

Conversions

Conversions Part 2

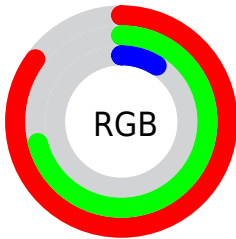
Format	Color
RYB	63, 216, 22
Decimal	14202390
CIELab	74.89, -1.54, 74.12
CIELCh	75, 74.134, 91.187
Yxy	48.1064, 0.4476, 0.4765
Android (android.graphics.Color)	4292392470 (0xFFD8B616)
YUV	173.9260, -74.8995, 36.8989
Hunter-Lab	69.3588, -5.0825, 41.9962

Details

The YIQ color **173.9260, 71.6240, -42.5520** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **64.0740, -71.6240, 42.5520**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.9830, 58.2820, -43.0460**, and **122.9540, 57.2260, -34.9180** is the 20% darker color. If you saturate the color by 10%, you get **169.1840, 79.4650, -46.9910**, and if you desaturate by 10%, it is **178.7820, 63.4620, -37.8020**.

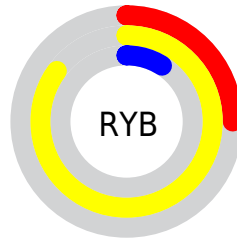
Distribution



Red (85%)

Green (71%)

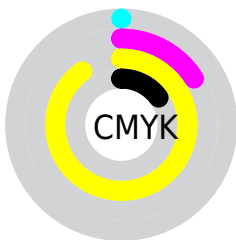
Blue (9%)



Red (25%)

Yellow (85%)

Blue (9%)

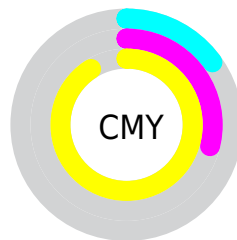


Cyan (0%)

Magenta (16%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (29%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.9260, 71.6240, -42.5520 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 173.9260, 71.6240, -42.5520 by changing the saturation by 10% instead.

■ 173.9260, 71.6240,
-42.5520

■ 173.9260, 71.6240,
-42.5520

■ 255.0000, -0.0000,
-0.0000

■ 146.5990, 68.2310,
-41.6330

■ 225.9830, 58.2820,
-43.0460

■ 122.9540, 57.2260,
-34.9180

■ 239.2680, 44.2980,
-42.9180

■ 99.9070, 47.4130,
-27.7790

■ 242.4600, 35.3100,
-34.2100

■ 77.1480, 36.7290,
-21.3750

■ 245.6520, 26.3220,
-25.5020

■ 55.5740, 26.9620,
-15.0700

■ 248.9580, 17.0130,
-16.4830

■ 35.4730, 17.2410,
-9.5990

■ 252.3780, 7.3830,

■ 15.9590, 7.2450,

-7.1530

-4.6510

■ 0.0000, 0.0000,
0.0000

■ 173.9260, 71.6240,
-42.5520

■ 173.9260, 71.6240,
-42.5520

■ 169.1840, 79.4650,
-46.9910

■ 178.7820, 63.4620,
-37.8020

■ 169.0700, 79.7860,
-47.3020

■ 183.5240, 55.6210,
-33.3630

■ 187.7930, 47.7340,
-28.0900

■ 192.6490, 39.5720,
-23.3400

■ 197.3910, 31.7310,
-18.9010

■ 202.2470, 23.5690,
-14.1510

■ 206.9890, 15.7280,
-9.7120

■ 211.2580, 7.8410,
-4.4390

■ 216.1140, -0.3210,
0.3110

Harmonies

Analogous

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



174.7710, 89.4990, -8.5570



173.9260, 71.6240, -42.5520



168.0960, 15.0030, -57.1650

Triad

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



173.9260, 71.6240, -42.5520



155.6340, -140.6130, -34.2850



184.1040, 34.2840, 61.5160

Complementary

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



173.9260, 71.6240, -42.5520



64.0740, -71.6240, 42.5520

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.



181.8380, -15.7780, 32.6540



173.9260, 71.6240, -42.5520



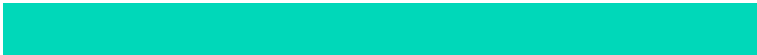
151.1660, -139.0550, -29.4790

Square

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



173.9260, 71.6240, -42.5520



147.8820, -118.7850, -55.4330



141.1870, -134.3800, -20.5880



166.0140, 60.4200, 50.4040

Rectangle

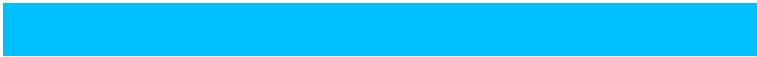
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



173.9260, 71.6240, -42.5520



158.4010, -37.2640, -62.5760



141.1870, -134.3800, -20.5880



187.4510, 25.7570, 56.3570

Sweetspot

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



173.9260, 71.6240, -42.5520



240.0900, 25.4490, -15.1830



84.1100, 104.0680, 52.3240



118.6300, 15.3610, -8.5670



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.



173.9260, 71.6240, -42.5520



199.5150, 94.2300, -55.7700



175.6450, 25.9180, -73.2660



104.5720, 4.0810, -2.3750



133.8960, 63.1410, -37.4910



33.9890, 15.7280, -9.7120

Inverse Universe

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



64.0740, -71.6240, 42.5520



55.4850, -94.2300, 55.7700



62.6540, -25.3220, 73.4780



98.4280, -4.0810, 2.3750



37.1040, -63.1410, 37.4910



9.5980, -16.0030, 9.1890

Previews

White Background



This preview shows how the YIQ color 173.9260, 71.6240, -42.5520 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 173.9260, 71.6240, -42.5520 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 173.9260, 71.6240, -42.5520

Background



This preview shows how black text looks on a background with the YIQ color 173.9260, 71.6240, -42.5520.



This preview shows how white text looks on a background with the YIQ color 173.9260, 71.6240, -42.5520.

-42.5520.

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

173.9260, 71.6240, -42.5520

Protanopia

173.4090, 65.7100, -45.5060

Deuteranopia

175.6980, 81.4340, -33.1100



Tritanopia

187.5250, 29.7990, 16.1270

Trichromacy



Original Color

173.9260, 71.6240, -42.5520

Protanomaly

173.7190, 67.7730, -44.3470

Deuteranomaly

175.3230, 77.9960, -36.8840

Tritanomaly

182.6520, 44.6580, -5.3740

Monochromacy



Original Color

173.9260, 71.6240, -42.5520

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.9760, 25.7700, -15.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.9260, 71.6240, -42.5520 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(216, 182, 22)` looks like.

```
.text, #text, p{  
    color:rgb(216, 182, 22)  
}
```

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(216, 182, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 22) }
```

Border

The CSS property to change the border of an element to YIQ 173.9260, 71.6240, -42.5520 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(216, 182, 22) }
```


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

```
.border{ border-color:rgb(216, 182, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 182, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 182, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 182, 22);  
box-shadow:4px 4px 4px 4px rgb(216, 182,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 173.9260, 71.6240, -42.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 22) }
```

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

```
.background{ background-color: rgb(216,  
182, 22) }
```

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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