

Converting Colors

YIQ(173.2480, 47.0500,
-48.7420)

Have a look what the booklet for
YIQ(173.2480, 47.0500, -48.7420)
contains.

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Color

**YIQ(173.2480, 47.0500,
-48.7420)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC026
RGB	188, 192, 38
RGB Percent	74%, 75%, 15%
CMY	0.2629, 0.2470, 0.8506
CMYK	0.02, 0.00, 0.80, 0.25
HSL	62°, 67%, 45%
HSV	62°, 80%, 75%
XYZ	39.9334, 48.5282, 9.1025
YIQ	173.2480, 47.0500, -48.7420

Conversions

Conversions Part 2

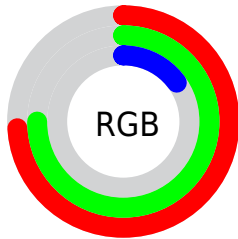
Format	Color
RYB	38, 192, 42
Decimal	12369958
CIELab	75.16, -18.43, 69.72
CIELCh	75, 72.112, 104.809
Yxy	48.5282, 0.4093, 0.4974
Android (android.graphics.Color)	4290560038 (0xFFBCC026)
YUV	173.2480, -66.6773, 12.9375
Hunter-Lab	69.6622, -19.5848, 41.0163

Details

The YIQ color **173.2480, 47.0500, -48.7420** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **56.7520, -47.0500, 48.7420**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.6010, 47.5540, -46.8620**, and **120.7620, 39.8510, -44.9250** is the 20% darker color. If you saturate the color by 10%, you get **170.7830, 52.5530, -54.8630**, and if you desaturate by 10%, it is **175.4140, 40.9510, -42.8330**.

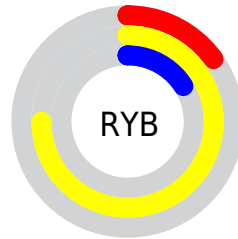
Distribution



Red (74%)

Green (75%)

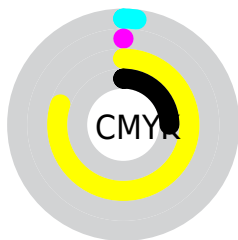
Blue (15%)



Red (15%)

Yellow (75%)

Blue (16%)

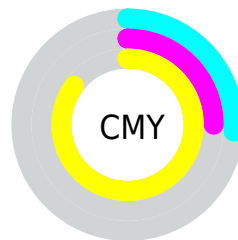


Cyan (2%)

Magenta (0%)

Yellow (80%)

Black (25%)



Cyan (26%)

Magenta (25%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.2480, 47.0500, -48.7420 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 173.2480, 47.0500, -48.7420 by changing the saturation by 10% instead.

■ 173.2480, 47.0500,
-48.7420

■ 173.2480, 47.0500,
-48.7420

■ 255.0000, -0.0000,
-0.0000

■ 144.3960, 49.3890,
-52.5870

■ 230.6010, 47.5540,
-46.8620

■ 120.7620, 39.8510,
-44.9250

■ 240.2940, 41.4090,
-40.1190

■ 97.1280, 30.3130,
-37.2630

■ 243.4860, 32.4210,
-31.4110

■ 74.9670, 20.8210,
-30.4350

■ 246.7920, 23.1120,
-22.3920

■ 53.3930, 11.0540,
-24.1300

■ 250.0980, 13.8030,
-13.3730

■ 32.7050, 1.6080,
-18.1360

■ 253.4040, 4.4940,

■ 14.6750, -6.8750,

-4.3540

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 173.2480, 47.0500,
-48.7420

■ 173.2480, 47.0500,
-48.7420

■ 170.7830, 52.5530,
-54.8630

■ 175.4140, 40.9510,
-42.8330

■ 168.6170, 58.6520,
-60.7720

■ 177.8790, 35.4480,
-36.7120

■ 180.1590, 29.0280,
-30.4920

■ 182.6240, 23.5250,
-24.3710

■ 184.7900, 17.4260,
-18.4620

■ 187.2550, 11.9230,
-12.3410

■ 189.4210, 5.8240,
-6.4320

■ 192.0000, -0.0000,
0.0000

■ 194.4650, -5.5030,
6.1210

Harmonies

Analogous

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



178.8870, 85.6960, -22.2400



173.2480, 47.0500, -48.7420



164.2740, -17.7330, -58.6050

Triad

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



173.2480, 47.0500, -48.7420



154.1010, -140.4300, -32.0940



176.1020, 45.7930, 56.6810

Complementary

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



173.2480, 47.0500, -48.7420



56.7520, -47.0500, 48.7420

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.



187.6510, 13.1500, 48.0460



173.2480, 47.0500, -48.7420



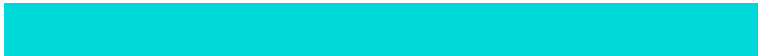
147.6440, -137.4050, -26.3410

Square

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



173.2480, 47.0500, -48.7420



152.1170, -129.3320, -46.0040



170.3000, -61.8980, 9.4460



165.5290, 68.6750, 38.4590

Rectangle

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



173.2480, 47.0500, -48.7420



139.3950, -99.0210, -72.2130



170.3000, -61.8980, 9.4460



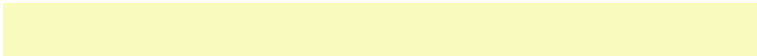
182.6050, 37.1270, 59.5510

Sweetspot

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



173.2480, 47.0500, -48.7420



242.5620, 18.0680, -19.0840



85.8070, 90.9590, 31.0790



120.5970, 10.9600, -11.4080



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



173.2480, 47.0500, -48.7420



220.8460, 73.4640, -75.9120



150.5240, 1.7540, -64.8540



95.8600, 3.2100, -3.1100



141.1510, 48.7010, -51.1310



28.9390, 9.9970, -10.4750

Inverse Universe

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



56.7520, -47.0500, 48.7420



39.1540, -73.4640, 75.9120



79.4760, -1.7540, 64.8540



88.1400, -3.2100, 3.1100



19.5500, -49.2970, 50.9190



4.0610, -9.9970, 10.4750

Previews

White Background



This preview shows how the YIQ color 173.2480, 47.0500, -48.7420 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 173.2480, 47.0500, -48.7420 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 173.2480, 47.0500, -48.7420

Background



This preview shows how black text looks on a background with the YIQ color 173.2480, 47.0500, -48.7420.



This preview shows how white text looks on a background with the YIQ color 173.2480, 47.0500, -48.7420.

-48.7420.

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

173.2480, 47.0500, -48.7420

Protanopia

174.8910, 61.5370, -41.4630

Deuteranopia

177.4510, 75.0600, -27.7240



Tritanopia

187.1740, 8.6180, 9.0180

Trichromacy



Original Color

173.2480, 47.0500, -48.7420

Protanomaly

174.6730, 56.2190, -44.2050

Deuteranomaly

175.8470, 64.8370, -35.1870

Tritanomaly

182.2300, 22.2390, -12.0730

Monochromacy



Original Color

173.2480, 47.0500, -48.7420

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.0180, 16.7840, -17.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.2480, 47.0500, -48.7420 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(188, 192, 38)` looks like.

```
.text, #text, p{  
    color:rgb(188, 192, 38)  
}
```

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(188, 192, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 192, 38) }
```

Border

The CSS property to change the border of an element to YIQ 173.2480, 47.0500, -48.7420 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(188, 192, 38) }
```


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

```
.border{ border-color:rgb(188, 192, 38) }
```

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

Here you see how a box with a 4 pixel rgb(188, 192, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 192, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 192, 38);  
box-shadow:4px 4px 4px 4px rgb(188, 192,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 173.2480, 47.0500, -48.7420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 192, 38) }
```

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

```
.background{ background-color: rgb(188,  
192, 38) }
```

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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