

Converting Colors

YIQ(49.2290, -2.3830, -6.3750)

Have a look what the booklet for
YIQ(49.2290, -2.3830, -6.3750)
contains.

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Color

**YIQ(49.2290, -2.3830,
-6.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3629
RGB	43, 54, 41
RGB Percent	17%, 21%, 16%
CMY	0.8314, 0.7882, 0.8392
CMYK	0.20, 0.00, 0.24, 0.79
HSL	111°, 14%, 19%
HSV	111°, 24%, 21%
XYZ	2.7155, 3.3123, 2.5940
YIQ	49.2290, -2.3830, -6.3750

Conversions

Conversions Part 2

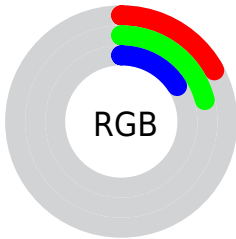
Format	Color
RYB	41, 54, 52
Decimal	2831913
CIELab	21.25, -7.72, 6.68
CIELCh	21, 10.211, 139.132
Yxy	3.3123, 0.3150, 0.3842
Android (android.graphics.Color)	4281021993 (0xFF2B3629)
YUV	49.2290, -4.0569, -5.4628
Hunter-Lab	18.1996, -5.2158, 4.2890

Details

The YIQ color **49.2290, -2.3830, -6.3750** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.7710, 2.3830, 6.3750**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.7020, -2.3370, -7.2090**, and **5.2830, -2.4750, -4.7070** is the 20% darker color. If you saturate the color by 10%, you get **47.1640, -3.7580, -8.9900**, and if you desaturate by 10%, it is **51.2940, -1.0080, -3.7600**.

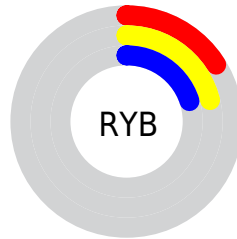
Distribution



Red (17%)

Green (21%)

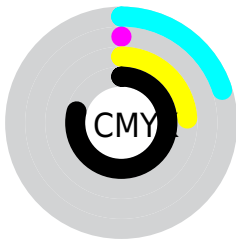
Blue (16%)



Red (16%)

Yellow (21%)

Blue (20%)

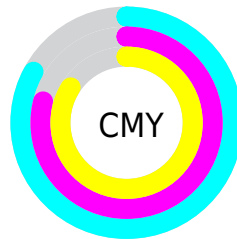


Cyan (20%)

Magenta (0%)

Yellow (24%)

Black (79%)



Cyan (83%)

Magenta (79%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.2290, -2.3830, -6.3750 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 49.2290, -2.3830, -6.3750 by changing the saturation by 10% instead.

■ 49.2290, -2.3830,
-6.3750

■ 49.2290, -2.3830,
-6.3750

■ 255.0000, -0.0000,
-0.0000

■ 28.3430, -2.7040,
-6.0640

■ 95.7020, -2.3370,
-7.2090

■ 5.2830, -2.4750,
-4.7070

■ 120.4030, -2.9330,
-7.4210

■ 0.0000, 0.0000,
0.0000

■ 146.2890, -2.6120,
-7.7320

■ 172.2890, -2.6120,
-7.7320

■ 199.8760, -2.8870,
-8.2550

■ 227.8760, -2.8870,

-8.2550

■ 251.7670, -0.9620,
-4.5940

■ 49.2290, -2.3830,
-6.3750

■ 49.2290, -2.3830,
-6.3750

■ 47.1640, -3.7580,
-8.9900

■ 51.2940, -1.0080,
-3.7600

■ 45.2840, -4.2160,
-11.7040

■ 53.1740, -0.5500,
-1.0460

■ 43.2190, -5.5910,
-14.3190

■ 55.2390, 0.8250,
1.5690

■ 41.3390, -6.0490,
-17.0330

■ 57.1190, 1.2830,
4.2830

■ 39.2740, -7.4240,
-19.6480

■ 59.1840, 2.6580,
6.8980

■ 37.5080, -8.2030,
-22.0510

■ 60.9500, 3.4370,
9.3010

■ 35.3290, -9.2570,
-24.9770

■ 63.1290, 4.4910,
12.2270

■ 34.0900, -10.0820,
-26.5460

■ 65.1940, 5.8660,
14.8420

■ 67.0740, 6.3240,
17.5560

Harmonies

Analogous

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



50.2900, 4.8150, -4.6650



49.2290, -2.3830, -6.3750



48.2220, -9.6730, -6.4170

Triad

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



49.2290, -2.3830, -6.3750



49.9970, -13.1130, 0.8630



52.2790, 12.5160, 4.4520

Complementary

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



49.2290, -2.3830, -6.3750



45.7710, 2.3830, 6.3750

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.



52.2940, 8.1600, 6.3040



49.2290, -2.3830, -6.3750



51.4110, -5.4110, 4.4530

Square

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



49.2290, -2.3830, -6.3750



48.0350, -16.2760, -2.3880



52.4720, 1.7870, 6.1630



51.5840, 12.9750, 1.6390

Rectangle

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



49.2290, -2.3830, -6.3750



47.5960, -13.6620, -5.7100



52.4720, 1.7870, 6.1630



52.3220, 10.9570, 5.1730

Sweetspot

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



49.2290, -2.3830, -6.3750



69.2340, -0.7790, -2.4030



51.3440, 4.7230, -2.9970



34.7610, -0.8250, -1.5690



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



49.2290, -2.3830, -6.3750



63.6370, -3.7120, -9.8240



49.0870, -4.8590, -5.5550



27.0600, -0.2290, -1.3570



58.1900, -16.9560, -45.1480



138.7190, -39.9610, -107.3290

Inverse Universe

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



45.7710, 2.3830, 6.3750



58.3630, 3.7120, 9.8240



45.9130, 4.8590, 5.5550



26.2390, 0.8250, 1.5690



33.8100, 16.9560, 45.1480



80.5800, 40.5570, 107.5410

Previews

White Background



This preview shows how the YIQ color 49.2290, -2.3830, -6.3750 looks on a white background.

Color Contrast Check

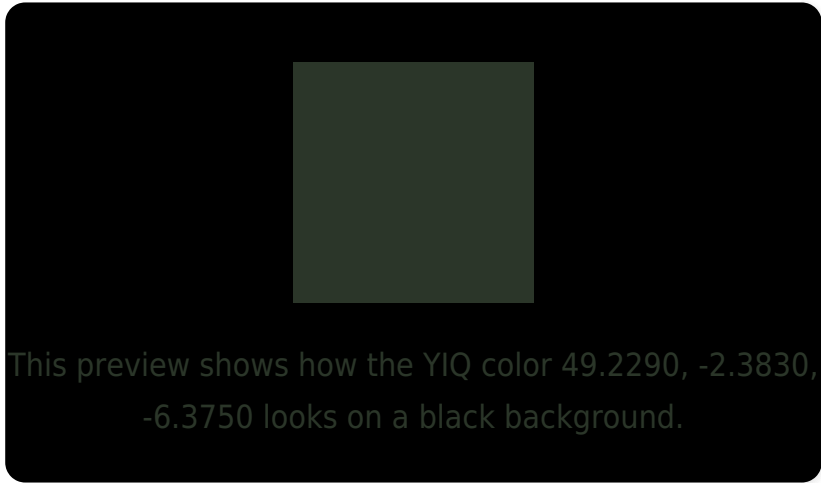
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

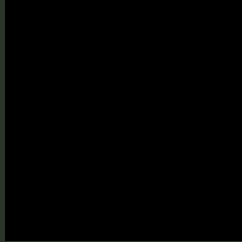
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 49.2290, -2.3830, -6.3750

Background



This preview shows how black text looks on a background with the YIQ color 49.2290, -2.3830, -6.3750.



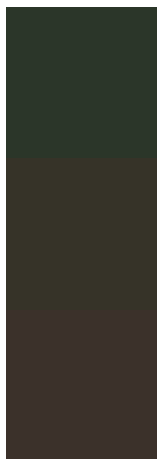
This preview shows how white text looks on a background with the YIQ color 49.2290, -2.3830, -6.3750.

-6.3750.

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

49.2290, -2.3830, -6.3750

Protanopia

50.6430, 5.3190, -2.7850

Deuteranopia

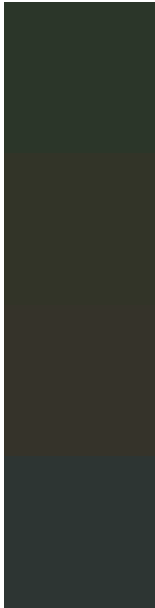
51.1920, 8.2070, -0.0570



Tritanopia

50.6620, -4.8600, -0.0280

Trichromacy



Original Color

49.2290, -2.3830, -6.3750

Protanomaly

50.0340, 2.6600, -4.1560

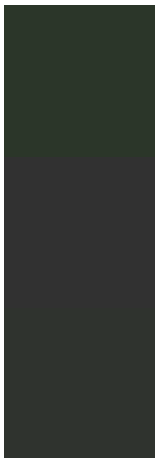
Deuteranomaly

50.5720, 4.0810, -2.3750

Tritanomaly

50.3800, -4.1260, -2.3180

Monochromacy



Original Color

49.2290, -2.3830, -6.3750

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

49.2340, -0.7790, -2.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.2290, -2.3830, -6.3750 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(43, 54, 41)` looks like.

```
.text, #text, p{  
    color:rgb(43, 54, 41)  
}
```

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(43, 54, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 54, 41) }
```

Border

The CSS property to change the border of an element to YIQ 49.2290, -2.3830, -6.3750 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(43, 54, 41) }
```


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

```
.border{ border-color:rgb(43, 54, 41) }
```

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

Here you see how a box with a 4 pixel rgb(43, 54, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 54, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 54, 41);  
box-shadow:4px 4px 4px 4px rgb(43, 54, 41)  
}
```

Background

The CSS property to change the background color of an element to YIQ 49.2290, -2.3830, -6.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 54, 41) }
```

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

```
.background{ background-color: rgb(43, 54,  
41) }
```

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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