

Converting Colors

YIQ(48.4290, 12.5140, 15.5060)

Have a look what the booklet for
YIQ(48.4290, 12.5140, 15.5060)
contains.

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Color

**YIQ(48.4290, 12.5140,
15.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	46233D
RGB	70, 35, 61
RGB Percent	27%, 14%, 24%
CMY	0.7254, 0.8628, 0.7608
CMYK	0.00, 0.50, 0.13, 0.73
HSL	315°, 33%, 21%
HSV	315°, 50%, 27%
XYZ	3.9707, 2.8412, 4.7551
YIQ	48.4290, 12.5140, 15.5060

Conversions

Conversions Part 2

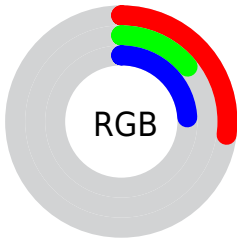
Format	Color
RYB	70, 35, 61
Decimal	4596541
CIELab	19.40, 20.92, -9.40
CIELCh	19, 22.937, 335.800
Yxy	2.8412, 0.3433, 0.2456
Android (android.graphics.Color)	4282786621 (0xFF46233D)
YUV	48.4290, 6.1975, 18.9178
Hunter-Lab	16.8560, 12.5509, -4.9265

Details

The YIQ color **48.4290, 12.5140, 15.5060** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **56.5710, -12.5140, -15.5060**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **95.4400, 13.9810, 16.4530**, and **10.5380, 10.5890, 11.8450** is the 20% darker color. If you saturate the color by 10%, you get **44.0920, 15.0810, 18.5450**, and if you desaturate by 10%, it is **52.7660, 9.9470, 12.4670**.

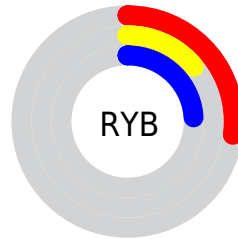
Distribution



Red (27%)

Green (14%)

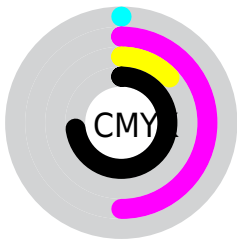
Blue (24%)



Red (27%)

Yellow (14%)

Blue (24%)

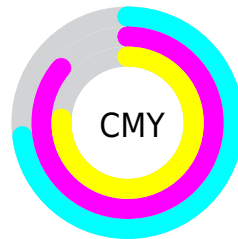


Cyan (0%)

Magenta (50%)

Yellow (13%)

Black (73%)



Cyan (73%)

Magenta (86%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.4290, 12.5140, 15.5060 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 48.4290, 12.5140, 15.5060 by changing the saturation by 10% instead.

■ 48.4290, 12.5140,
15.5060

■ 48.4290, 12.5140,
15.5060

■ 255.0000, -0.0000,
-0.0000

■ 26.1300, 11.9180,
15.2940

■ 95.4400, 13.9810,
16.4530

■ 10.5380, 10.5890,
11.8450

■ 120.2660, 14.5310,
17.4990

■ 0.0000, 0.0000,
0.0000

■ 146.5650, 15.1270,
17.7110

■ 173.2770, 15.9980,
18.4460

■ 200.6900, 16.2730,
18.9690

■ 228.3910, 15.6770,

18.7570

246.1950, 4.1250,
7.8450

48.4290, 12.5140,
15.5060

48.4290, 12.5140,
15.5060

44.0920, 15.0810,
18.5450

52.7660, 9.9470,
12.4670

39.7550, 17.6480,
21.5840

57.1030, 7.3800,
9.4280

35.5320, 19.8940,
24.9340

61.3260, 5.1340,
6.0780

31.1950, 22.4610,
27.9730

65.6630, 2.5670,
3.0390

26.8580, 25.0280,
31.0120

70.0000, 0.0000,
0.0000

■ 74.3370, -2.5670,
-3.0390

■ 78.6740, -5.1340,
-6.0780

■ 82.8970, -7.3800,
-9.4280

■ 87.2340, -9.9470,
-12.4670

Harmonies

Analogous

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



48.0510, -4.0370, 12.5950



48.4290, 12.5140, 15.5060



47.1220, 23.5640, 13.4840

Triad

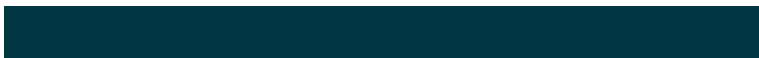
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.4290, 12.5140, 15.5060



44.6900, 15.1320, -9.9240



39.8090, -36.3110, -8.2390

Complementary

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



48.4290, 12.5140, 15.5060



56.5710, -12.5140, -15.5060

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.



37.9850, -31.1750, -13.2150



48.4290, 12.5140, 15.5060



43.4540, 1.0570, -13.6550

Square

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



48.4290, 12.5140, 15.5060



45.9240, 23.5210, -2.2630



38.7490, -18.8870, -15.6470



39.3020, -39.0170, -3.2490

Rectangle

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



48.4290, 12.5140, 15.5060



47.0420, 26.5450, 9.0170



38.7490, -18.8870, -15.6470



39.2390, -34.7060, -9.7940

Sweetspot

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



48.4290, 12.5140, 15.5060



83.3260, 5.1340, 6.0780



41.6810, -5.8710, 12.7930



41.0760, 2.8420, 3.5620



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



48.4290, 12.5140, 15.5060



58.1190, 19.6190, 24.4110



46.4910, 17.9710, 10.2190



33.5380, 1.4210, 1.7810



38.0370, 35.2500, 44.0020



87.1390, 81.0430, 100.6830

Inverse Universe

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



48.4290, 12.5140, 15.5060



58.1190, 19.6190, 24.4110



58.5090, -17.9710, -10.2190



33.5380, 1.4210, 1.7810



38.0370, 35.2500, 44.0020



87.1390, 81.0430, 100.6830

Previews

White Background



This preview shows how the YIQ color 48.4290, 12.5140, 15.5060 looks on a white background.

Color Contrast Check

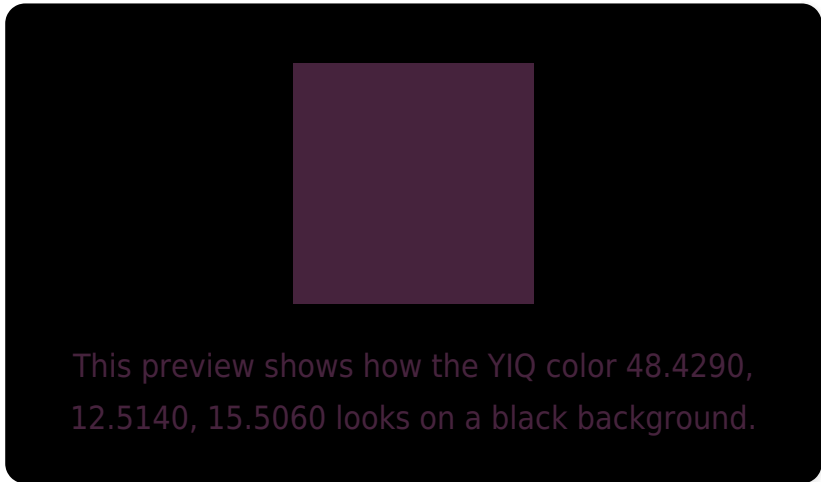
Large Text (above 18pt) WCAG AA ✓ Pass

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

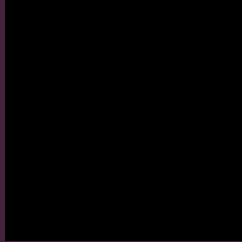
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.4290, 12.5140, 15.5060

Background



This preview shows how black text looks on a background with the YIQ color 48.4290, 12.5140, 15.5060.



This preview shows how white text looks on a background with the YIQ color 48.4290, 12.5140,

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

48.4290, 12.5140, 15.5060

Protanopia

47.5290, -11.5550, 5.6690

Deuteranopia

48.0690, -4.4480, 3.5200



Tritanopia

48.0130, 16.3210, 7.0810

Trichromacy



Original Color

48.4290, 12.5140, 15.5060

Protanomaly

48.1280, -2.9360, 9.1600

Deuteranomaly

48.5260, 1.6950, 7.8310

Tritanomaly

48.5230, 14.9450, 9.9930

Monochromacy



Original Color

48.4290, 12.5140, 15.5060

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.0270, 4.5380, 5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.4290, 12.5140, 15.5060 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(70, 35, 61)` looks like.

```
.text, #text, p{  
    color:rgb(70, 35, 61)  
}
```

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(70, 35, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 35, 61) }
```

Border

The CSS property to change the border of an element to YIQ 48.4290, 12.5140, 15.5060 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(70, 35, 61) }
```


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

```
.border{ border-color:rgb(70, 35, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 35, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 35, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 35, 61);  
box-shadow:4px 4px 4px 4px rgb(70, 35, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.4290, 12.5140, 15.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 35, 61) }
```

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

```
.background{ background-color: rgb(70, 35,  
61) }
```

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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