

Converting Colors

YIQ(48.6160, -7.2460, 10.1780)

Have a look what the booklet for
YIQ(48.6160, -7.2460, 10.1780)
contains.

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Color

**YIQ(48.6160, -7.2460,
10.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	302C4A
RGB	48, 44, 74
RGB Percent	19%, 17%, 29%
CMY	0.8117, 0.8275, 0.7099
CMYK	0.35, 0.41, 0.00, 0.71
HSL	248°, 25%, 23%
HSV	248°, 41%, 29%
XYZ	3.3555, 2.9240, 6.8638
YIQ	48.6160, -7.2460, 10.1780

Conversions

Conversions Part 2

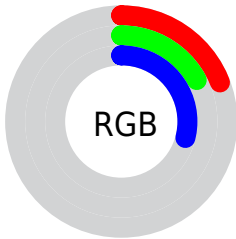
Format	Color
R_YB	48, 44, 74
Decimal	3157066
CIE Lab	19.74, 9.99, -17.98
CIE LCh	20, 20.568, 299.044
Yxy	2.9240, 0.2553, 0.2225
Android (android.graphics.Color)	4281347146 (0xFF302C4A)
YUV	48.6160, 12.5143, -0.5402
Hunter-Lab	17.0998, 5.1022, -11.8288

Details

The YIQ color **48.6160, -7.2460, 10.1780** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **69.3840, 7.2460, -10.1780**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6700, -7.3380, 11.8460**, and **4.3170, -7.8420, 9.9660** is the 20% darker color. If you saturate the color by 10%, you get **42.7130, -8.8970, 12.5670**, and if you desaturate by 10%, it is **54.5190, -5.5950, 7.7890**.

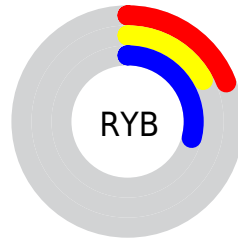
Distribution



 Red (19%)

 Green (17%)

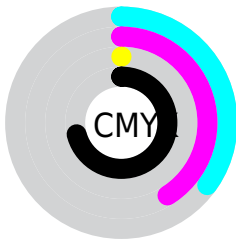
 Blue (29%)




 Red (19%)

 Yellow (17%)

 Blue (29%)

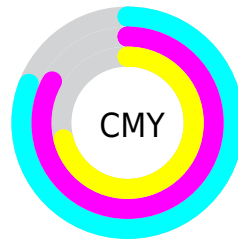


 Cyan (35%)


 Magenta (41%)

 Yellow (0%)

 Black (71%)



 Cyan (81%)

 Magenta (83%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.6160, -7.2460, 10.1780 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 48.6160, -7.2460, 10.1780 by changing the saturation by 10% instead.

■ 48.6160, -7.2460,
10.1780

■ 48.6160, -7.2460,
10.1780

■ 255.0000, -0.0000,
-0.0000

■ 27.0890, -7.2000,
9.3440

■ 94.6700, -7.3380,
11.8460

■ 4.3170, -7.8420,
9.9660

■ 119.7840, -7.6590,
12.1570

■ 0.1140, -0.3210,
0.3110

■ 145.1970, -7.3840,
12.6800

■ 0.0000, 0.0000,
0.0000

■ 172.3110, -7.7050,
12.9910

■ 199.4250, -8.0260,
13.3020

■ 227.2680, -6.1460,

12.2700

251.4780, 1.6500,
3.1380

48.6160, -7.2460,
10.1780

48.6160, -7.2460,
10.1780

42.7130, -8.8970,
12.5670

54.5190, -5.5950,
7.7890

35.9240, -10.8690,
15.2670

61.3080, -3.6230,
5.0890

30.0210, -12.5200,
17.6560

67.2110, -1.9720,
2.7000

23.2320, -14.4920,
20.3560

74.0000, -0.0000,
0.0000

17.3290, -16.1430,
22.7450

79.9030, 1.6510,
-2.3890

■ 11.4260, -17.7940,
25.1340

■ 85.8060, 3.3020,
-4.7780

■ 92.5950, 5.2740,
-7.4780

■ 98.4980, 6.9250,
-9.8670

■ 105.2870, 8.8970,
-12.5670

Harmonies

Analogous

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



43.6350, -26.5930, 2.8710



48.6160, -7.2460, 10.1780



49.2220, 8.6630, 13.7110

Triad

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



48.6160, -7.2460, 10.1780



47.2060, 22.7870, 0.0270



37.6430, -30.2120, -14.1480

Complementary

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



48.6160, -7.2460, 10.1780



69.3840, 7.2460, -10.1780

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.



42.2230, -11.4140, -13.4140



48.6160, -7.2460, 10.1780



46.5700, 15.5900, -7.2100

Square

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



48.6160, -7.2460, 10.1780



48.0200, 23.6110, 7.1230



44.8890, 4.2660, -11.2380



39.3530, -35.0270, -9.4830

Rectangle

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



48.6160, -7.2460, 10.1780



49.1150, 16.2740, 13.4420



44.8890, 4.2660, -11.2380



38.2690, -26.2230, -14.8550

Sweetspot

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



48.6160, -7.2460, 10.1780



86.9660, -2.6600, 4.1560



62.6820, -16.7800, -4.2680



42.9830, -1.3300, 2.0780



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



48.6160, -7.2460, 10.1780



56.5650, -11.2360, 16.4120



53.1010, 1.6940, 13.3580



34.7550, -0.6880, 1.4560



15.8140, -24.3980, 34.6900



35.4890, -55.3540, 78.1020

Inverse Universe

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



55.9340, 9.5340, 14.4460



68.1400, 15.1260, 23.2380



64.8990, -1.6940, -13.3580



35.6520, 1.1000, 2.0920



40.5300, 32.5440, 48.9920



91.4560, 73.2010, 110.6490

Previews

White Background



This preview shows how the YIQ color 48.6160, -7.2460, 10.1780 looks on a white background.

Color Contrast Check

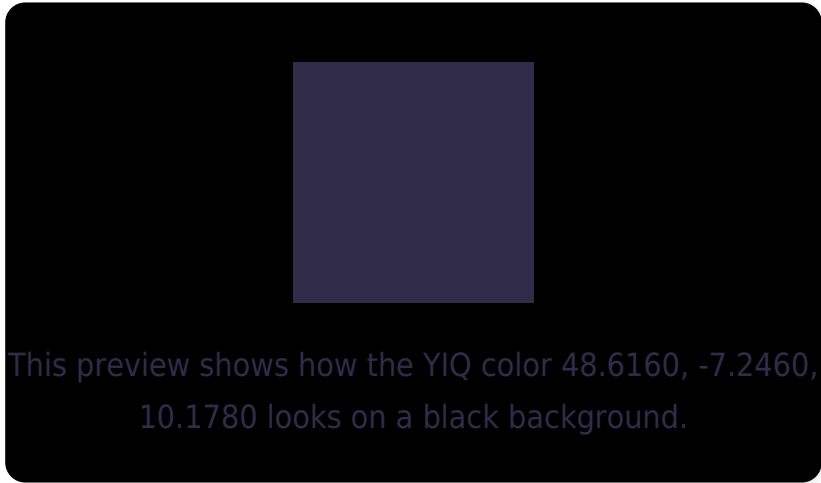
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.6160, -7.2460, 10.1780

Background



This preview shows how black text looks on a background with the YIQ color 48.6160, -7.2460, 10.1780.



This preview shows how white text looks on a background with the YIQ color 48.6160, -7.2460,

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

48.6160, -7.2460, 10.1780

Protanopia

47.1310, -16.1860, 6.9980

Deuteranopia

46.9630, -15.7730, 5.0190



Tritanopia

47.5480, -4.5390, -0.3390

Trichromacy



Original Color

48.6160, -7.2460, 10.1780

Protanomaly

47.6260, -13.2060, 8.0580

Deuteranomaly

47.8710, -12.5180, 6.6020

Tritanomaly

47.8840, -5.3650, 3.6190

Monochromacy



Original Color

48.6160, -7.2460, 10.1780

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

48.8520, -2.3390, 3.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.6160, -7.2460, 10.1780 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(48, 44, 74)` looks like.

```
.text, #text, p{  
    color:rgb(48, 44, 74)  
}
```

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(48, 44, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 44, 74) }
```

Border

The CSS property to change the border of an element to YIQ 48.6160, -7.2460, 10.1780 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(48, 44, 74) }
```


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

```
.border{ border-color:rgb(48, 44, 74) }
```

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

Here you see how a box with a 4 pixel rgb(48, 44, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 44, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 44, 74);  
box-shadow:4px 4px 4px 4px rgb(48, 44, 74)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.6160, -7.2460, 10.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 44, 74) }
```

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

```
.background{ background-color: rgb(48, 44,  
74) }
```

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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