

Converting Colors

YIQ(48.3270, 32.0380, 58.1660)

Have a look what the booklet for
YIQ(48.3270, 32.0380, 58.1660)
contains.

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Color

**YIQ(48.3270, 32.0380,
58.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	730270
RGB	115, 2, 112
RGB Percent	45%, 1%, 44%
CMY	0.5487, 0.9923, 0.5607
CMYK	0.00, 0.98, 0.03, 0.55
HSL	302°, 97%, 23%
HSV	302°, 98%, 45%
XYZ	10.0280, 4.8632, 15.7425
YIQ	48.3270, 32.0380, 58.1660

Conversions

Conversions Part 2

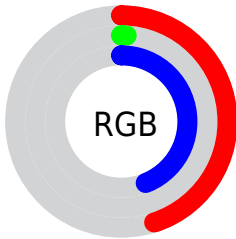
Format	Color
RYB	115, 2, 112
Decimal	7537264
CIELab	26.34, 53.76, -31.97
CIELCh	26, 62.544, 329.261
Yxy	4.8632, 0.3274, 0.1588
Android (android.graphics.Color)	4285727344 (0xFF730270)
YUV	48.3270, 31.3908, 58.4722
Hunter-Lab	22.0526, 42.5774, -26.8881

Details

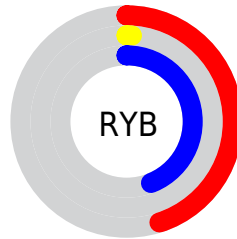
The YIQ color **48.3270, 32.0380, 58.1660** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **68.6730, -32.0380, -58.1660**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **110.0290, 29.7010, 50.9570**, and **25.7200, 16.7290, 32.7370** is the 20% darker color. If you saturate the color by 10%, you get **47.1530, 32.5880, 59.2120**, and if you desaturate by 10%, it is **54.7840, 29.0130, 52.4130**.

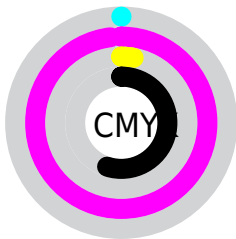
Distribution



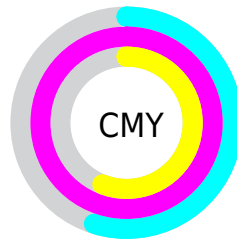
- Red (45%)
- Green (1%)
- Blue (44%)



- Red (45%)
- Yellow (1%)
- Blue (44%)



- Cyan (0%)
- Magenta (98%)
- Yellow (3%)
- Black (55%)



- Cyan (55%)
- Magenta (99%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.3270, 32.0380, 58.1660 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 48.3270, 32.0380, 58.1660 by changing the saturation by 10% instead.

■ 48.3270, 32.0380,
58.1660

■ 48.3270, 32.0380,
58.1660

■ 255.0000, -0.0000,
-0.0000

■ 36.2300, 24.5210,
45.7130

■ 110.0290, 29.7010,
50.9570

■ 25.7200, 16.7290,
32.7370

■ 137.7410, 30.5720,
51.6920

■ 16.3350, 10.0830,
21.0190

■ 165.4530, 31.4430,
52.4270

■ 2.6390, -6.0530,
5.0750

■ 192.5670, 31.1220,
52.7380


■ 0.0000, 0.0000,
0.0000


■ 209.8010, 21.1750,
40.2710


■ 226.8240, 13.2000,


25.1040


 243.8470, 5.2250,
9.9370


 48.3270, 32.0380,
58.1660


 48.3270, 32.0380,
58.1660


 47.1530, 32.5880,
59.2120

 54.7840, 29.0130,
52.4130

 61.9420, 25.3920,
46.4480

 68.3990, 22.3670,
40.6950

 75.4430, 19.0670,
34.4190

 82.6010, 15.4460,
28.4540

■ 89.0580, 12.4210,
22.7010

■ 96.1020, 9.1210,
16.4250

■ 102.6730, 5.7750,
10.9830

■ 109.7170, 2.4750,
4.7070

Harmonies

Analogous

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



58.6660, -35.9050, 28.4710



48.3270, 32.0380, 58.1660



49.3840, 62.2540, 50.2060

Triad

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



48.3270, 32.0380, 58.1660



58.5420, 29.9880, -14.8440



59.8590, -56.9430, -8.7750

Complementary

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



48.3270, 32.0380, 58.1660



68.6730, -32.0380, -58.1660

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.



53.8000, -41.2600, -23.1800



48.3270, 32.0380, 58.1660



50.6360, -3.1120, -31.7200

Square

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



48.3270, 32.0380, 58.1660



55.8050, 57.7690, 4.8170



46.1280, -22.4130, -39.8610



62.9030, -68.2700, 3.7780

Rectangle

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



48.3270, 32.0380, 58.1660



45.8500, 72.2050, 40.5650



46.1280, -22.4130, -39.8610



58.1490, -52.1280, -13.4400

Sweetspot

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



48.3270, 32.0380, 58.1660



124.6450, 12.1460, 22.1780



15.4800, -35.0810, 35.5670



61.0370, 7.7460, 13.8100



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



48.3270, 32.0380, 58.1660



61.4940, 42.5340, 77.2060



42.0570, 49.6930, 41.0610



55.3640, 1.9710, 2.8270



50.0440, 34.5130, 62.8730



102.4520, 70.9970, 128.5730

Inverse Universe

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



48.3270, 32.0380, 58.1660



61.4940, 42.5340, 77.2060



74.9430, -49.6930, -41.0610



55.3640, 1.9710, 2.8270



50.0440, 34.5130, 62.8730



102.4520, 70.9970, 128.5730

Previews

White Background



This preview shows how the YIQ color 48.3270, 32.0380, 58.1660 looks on a white background.

Color Contrast Check

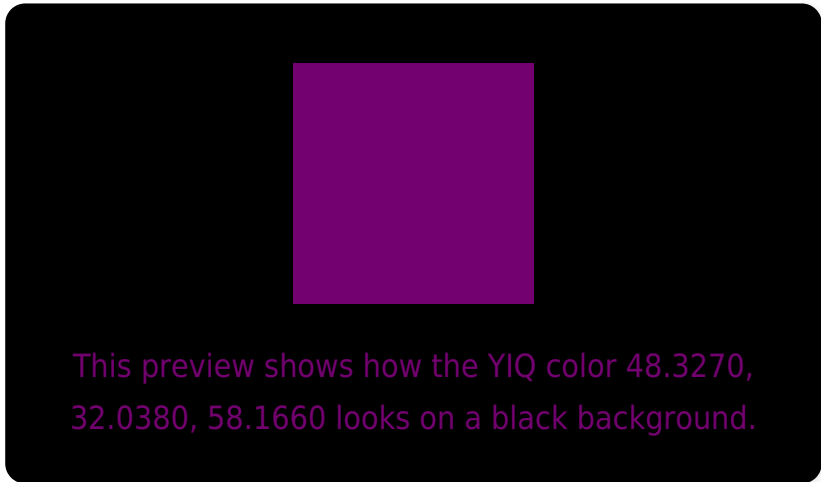
Large Text (above 18pt) WCAG AA ✓ Pass

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

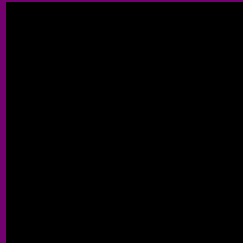
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.3270, 32.0380, 58.1660

Background



This preview shows how black text looks on a background with the YIQ color 48.3270, 32.0380, 58.1660.



This preview shows how white text looks on a background with the YIQ color 48.3270, 32.0380,

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

48.3270, 32.0380, 58.1660

Protanopia

52.2570, -60.3390, 8.7250

Deuteranopia

63.2700, -26.8230, 7.0410



Tritanopia

63.4780, 37.1810, 14.5010

Trichromacy



Original Color

48.3270, 32.0380, 58.1660

Protanomaly

50.9890, -26.6890, 26.6470

Deuteranomaly

58.1840, -5.3690, 25.7270

Tritanomaly

58.3060, 35.3900, 30.4460

Monochromacy



Original Color

48.3270, 32.0380, 58.1660

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.8190, 11.5960, 21.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.3270, 32.0380, 58.1660 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(115, 2, 112)` looks like.

```
.text, #text, p{  
    color:rgb(115, 2, 112)  
}
```

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(115, 2, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 2, 112) }
```

Border

The CSS property to change the border of an element to YIQ 48.3270, 32.0380, 58.1660 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(115, 2, 112) }
```


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

```
.border{ border-color:rgb(115, 2, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 2, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 2, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 2, 112);  
box-shadow:4px 4px 4px 4px rgb(115, 2,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 48.3270, 32.0380, 58.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 2, 112) }
```

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

```
.background{ background-color: rgb(115, 2,  
112) }
```

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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