

Converting Colors

YIQ(62.8240, 30.3950, 16.3390)

Have a look what the booklet for
YIQ(62.8240, 30.3950, 16.3390)
contains.

YIQ(62.8240, 30.3950, 16.3390)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(62.8240, 30.3950,
16.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	662C39
RGB	102, 44, 57
RGB Percent	40%, 17%, 22%
CMY	0.5999, 0.8275, 0.7764
CMYK	0.00, 0.57, 0.44, 0.60
HSL	347°, 40%, 29%
HSV	347°, 57%, 40%
XYZ	7.1227, 4.9222, 4.4493
YIQ	62.8240, 30.3950, 16.3390

Conversions

Conversions Part 2

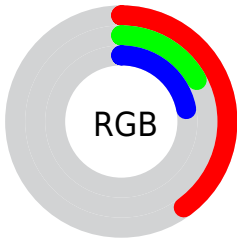
Format	Color
RYB	102, 44, 57
Decimal	6695993
CIELab	26.51, 27.56, 4.41
CIElCh	27, 27.910, 9.090
Yxy	4.9222, 0.4318, 0.2984
Android (android.graphics.Color)	4284886073 (0xFF662C39)
YUV	62.8240, -2.8712, 34.3574
Hunter-Lab	22.1860, 18.4810, 3.6400

Details

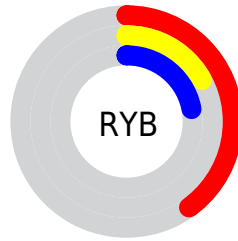
The YIQ color **62.8240, 30.3950, 16.3390** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.1760, -30.3950, -16.3390**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2050, 33.6960, 17.0880**, and **17.1440, 26.4980, 15.3780** is the 20% darker color. If you saturate the color by 10%, you get **56.0420, 35.7130, 19.0810**, and if you desaturate by 10%, it is **69.6060, 25.0770, 13.5970**.

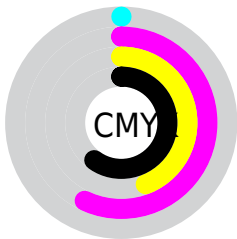
Distribution



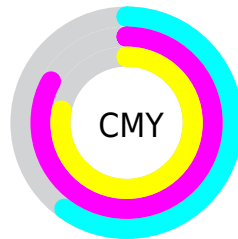
- Red (40%)
- Green (17%)
- Blue (22%)



- Red (40%)
- Yellow (17%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (44%)
- Black (60%)



- Cyan (60%)
- Magenta (83%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.8240, 30.3950, 16.3390 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 62.8240, 30.3950, 16.3390 by changing the saturation by 10% instead.

62.8240, 30.3950,
16.3390

62.8240, 30.3950,
16.3390

255.0000, -0.0000,
-0.0000

39.1550, 27.9650,
16.3250

112.2050, 33.6960,
17.0880

17.1440, 26.4980,
15.3780

138.1020, 35.4840,
17.7240

7.5890, 14.5790,
5.6110

164.9990, 37.2720,
18.3600

0.0000, 0.0000,
0.0000

192.5970, 38.4640,
18.7840

215.7100, 30.7160,
16.0280

236.0390, 13.4320,

9.8800

■ 62.8240, 30.3950,
16.3390

■ 62.8240, 30.3950,
16.3390

■ 56.0420, 35.7130,
19.0810

■ 69.6060, 25.0770,
13.5970

■ 49.2600, 41.0310,
21.8230

■ 76.3880, 19.7590,
10.8550

■ 41.8910, 46.6240,
25.0880

■ 83.7570, 14.1660,
7.5900

■ 35.1090, 51.9420,
27.8300

■ 90.5390, 8.8480,
4.8480

■ 33.1200, 53.4090,
28.7770

■ 97.3210, 3.5300,
2.1060

■ 103.9890, -1.4670,
-0.9470

■ 110.7710, -6.7850,
-3.6890

■ 118.1400,
-12.3780, -6.9540

■ 124.9220,
-17.6960, -9.6960

Harmonies

Analogous

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



64.5870, 18.0610, 19.6050



62.8240, 30.3950, 16.3390



61.9950, 33.9270, 7.3910

Triad

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



62.8240, 30.3950, 16.3390



57.4490, -0.5470, -17.6270



52.1310, -51.7170, -4.3650

Complementary

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



62.8240, 30.3950, 16.3390



83.1760, -30.3950, -16.3390

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.



52.4100, -48.3690, -9.9770



62.8240, 30.3950, 16.3390



50.3130, -29.5230, -21.1310

Square

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



62.8240, 30.3950, 16.3390



60.2510, 17.7460, -13.2460



50.7170, -42.2240, -16.7200



59.7150, -29.5740, 7.3380

Rectangle

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



62.8240, 30.3950, 16.3390



61.5830, 31.9110, -0.1290



50.7170, -42.2240, -16.7200



52.3760, -51.0290, -5.8210

Sweetspot

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



62.8240, 30.3950, 16.3390



117.4470, 12.1030, 6.4310



63.7680, 7.6060, 27.3660



57.2290, 6.7850, 3.6890



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



62.8240, 30.3950, 16.3390



71.6030, 47.4950, 25.8230



70.1470, 30.4430, 4.4510



47.6090, 2.6590, 1.3710



37.3490, 60.1940, 32.4660



78.5140, 126.8980, 68.0980

Inverse Universe

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



62.8240, 30.3950, 16.3390



71.6030, 47.4950, 25.8230



75.8530, -30.4430, -4.4510



47.6090, 2.6590, 1.3710



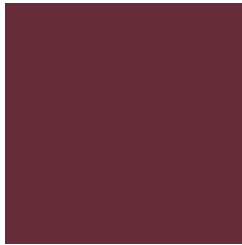
37.3490, 60.1940, 32.4660



78.5140, 126.8980, 68.0980

Previews

White Background



This preview shows how the YIQ color 62.8240, 30.3950, 16.3390 looks on a white background.

Color Contrast Check

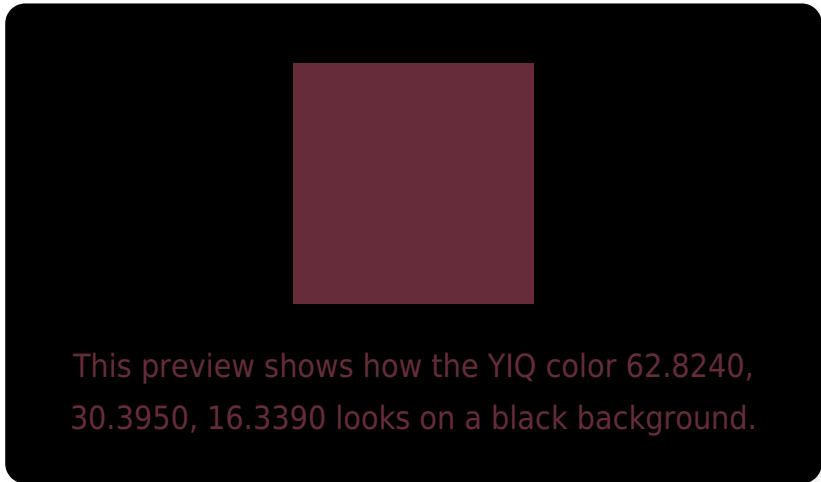
Large Text (above 18pt) WCAG AA ✓ Pass

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

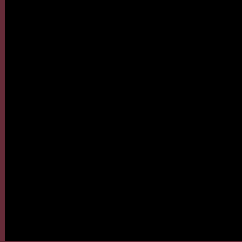
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 62.8240, 30.3950, 16.3390

Background



This preview shows how black text looks on a background with the YIQ color 62.8240, 30.3950, 16.3390.



This preview shows how white text looks on a background with the YIQ color 62.8240, 30.3950,

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

62.8240, 30.3950, 16.3390

Protanopia

63.5700, -1.6050, 1.5550

Deuteranopia

63.7900, 9.3990, 0.3670



Tritanopia

62.7870, 31.8170, 12.5930

Trichromacy



Original Color

62.8240, 30.3950, 16.3390

Protanomaly

63.1910, 9.9480, 6.9400

Deuteranomaly

63.6710, 17.2840, 6.1480

Tritanomaly

62.5420, 31.1290, 14.0490

Monochromacy



Original Color

62.8240, 30.3950, 16.3390

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8490, 10.9110, 6.0070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.8240, 30.3950, 16.3390 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(102, 44, 57)` looks like.

```
.text, #text, p{  
    color:rgb(102, 44, 57)  
}
```

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(102, 44, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 44, 57) }
```

Border

The CSS property to change the border of an element to YIQ 62.8240, 30.3950, 16.3390 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(102, 44, 57) }
```


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

```
.border{ border-color:rgb(102, 44, 57) }
```

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

Here you see how a box with a 4 pixel rgb(102, 44, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 44, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 44, 57);  
box-shadow:4px 4px 4px 4px rgb(102, 44,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 62.8240, 30.3950, 16.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 44, 57) }
```

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

```
.background{ background-color: rgb(102, 44,  
57) }
```

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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