

Converting Colors

YIQ(73.7580, 66.2920, 32.0840)

Have a look what the booklet for
YIQ(73.7580, 66.2920, 32.0840)
contains.

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Color

**YIQ(73.7580, 66.2920,
32.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2337
RGB	157, 35, 55
RGB Percent	62%, 14%, 22%
CMY	0.3840, 0.8629, 0.7841
CMYK	0.00, 0.78, 0.65, 0.38
HSL	350°, 64%, 38%
HSV	350°, 78%, 62%
XYZ	15.2103, 8.6514, 4.4906
YIQ	73.7580, 66.2920, 32.0840

Conversions

Conversions Part 2

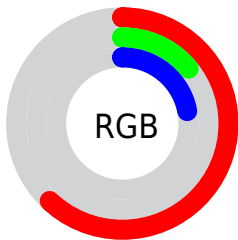
Format	Color
R_{YB}	157, 35, 55
Decimal	10298167
CIE _{Lab}	35.30, 50.32, 19.36
CIE _{LCh}	35, 53.914, 21.039
Yxy	8.6514, 0.5365, 0.3051
Android (android.graphics.Color)	4288488247 (0xFF9D2337)
YUV	73.7580, -9.2477, 73.0032
Hunter-Lab	29.4132, 40.8339, 11.5373

Details

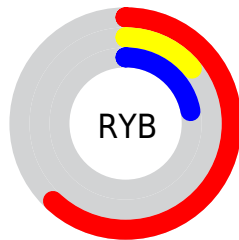
The YIQ color **73.7580, 66.2920, 32.0840** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **118.2420, -66.2920, -32.0840**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9280, 71.5650, 30.1330**, and **30.9690, 55.1520, 24.7200** is the 20% darker color. If you saturate the color by 10%, you get **62.8840, 74.8650, 36.4090**, and if you desaturate by 10%, it is **84.6320, 57.7190, 27.7590**.

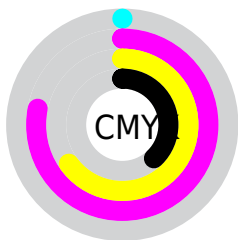
Distribution



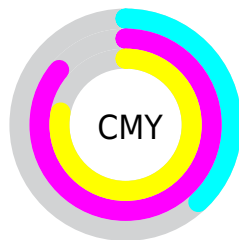
- Red (62%)
- Green (14%)
- Blue (22%)



- Red (62%)
- Yellow (14%)
- Blue (22%)



- Cyan (0%)
- Magenta (78%)
- Yellow (65%)
- Black (38%)





- Cyan (38%)
- Magenta (86%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.7580, 66.2920, 32.0840 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 73.7580, 66.2920, 32.0840 by changing the saturation by 10% instead.


 73.7580, 66.2920,
32.0840


 73.7580, 66.2920,
32.0840


255.0000, -0.0000,
-0.0000


 42.1480, 65.3740,
37.7100


 129.9280, 71.5650,
30.1330


 31.0830, 54.8310,
25.0310

 157.8960, 74.5910,
30.3590


 20.9300, 41.7200,
14.8400

 178.6880, 63.3130,
25.4970

 12.9710, 25.3070,
9.4270

 198.2020, 46.9460,
19.2500

 0.0000, 0.0000,
0.0000

 218.4170, 29.9830,
12.7910

 238.6320, 13.0200,

■ 73.7580, 66.2920,
32.0840

■ 73.7580, 66.2920,
32.0840

■ 62.8840, 74.8650,
36.4090

■ 84.6320, 57.7190,
27.7590

■ 52.5970, 83.1630,
40.2110

■ 94.9190, 49.4210,
23.9570

■ 49.9070, 85.2260,
41.3700

■ 105.7930, 40.8480,
19.6320

■ 116.7810, 31.9540,
15.6180

■ 127.0680, 23.6560,
11.8160

■ 137.9420, 15.0830,
7.4910

■ 148.8160, 6.5100,
3.1660

■ 159.6900, -2.0630,
-1.1590

■ 169.9770,
-10.3610, -4.9610

Harmonies

Analogous

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



75.9910, 50.0590, 45.4430



73.7580, 66.2920, 32.0840



77.3990, 64.7840, 4.3360

Triad

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



73.7580, 66.2920, 32.0840



59.4470, -33.7370, -43.8890



73.2700, -79.5490, 4.4430

Complementary

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



73.7580, 66.2920, 32.0840



118.2420, -66.2920, -32.0840

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.



75.8000, -75.6500, -5.6500



73.7580, 66.2920, 32.0840



67.0390, -49.6030, -31.6750

Square

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



73.7580, 66.2920, 32.0840



74.6570, 18.7580, -31.5940



72.7560, -64.3230, -18.2030



77.9480, -45.8070, 20.6970

Rectangle

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



73.7580, 66.2920, 32.0840



78.4540, 53.7830, -11.0570



72.7560, -64.3230, -18.2030



74.5750, -79.0900, 1.6300

Sweetspot

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



73.7580, 66.2920, 32.0840



171.9650, 25.4440, 12.4520



79.4060, 21.6300, 59.5660



82.2410, 15.6790, 7.7030



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



73.7580, 66.2920, 32.0840



74.4580, 102.9680, 50.2320



95.5450, 61.4370, 4.4210



73.5060, 4.4470, 2.0070



45.4930, 77.5240, 37.7800



4.8270, 7.9770, 4.1130

Inverse Universe

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



73.7580, 66.2920, 32.0840



74.4580, 102.9680, 50.2320



96.4550, -61.4370, -4.4210



73.5060, 4.4470, 2.0070



45.4930, 77.5240, 37.7800



4.8270, 7.9770, 4.1130

Previews

White Background



This preview shows how the YIQ color 73.7580, 66.2920, 32.0840 looks on a white background.

Color Contrast Check

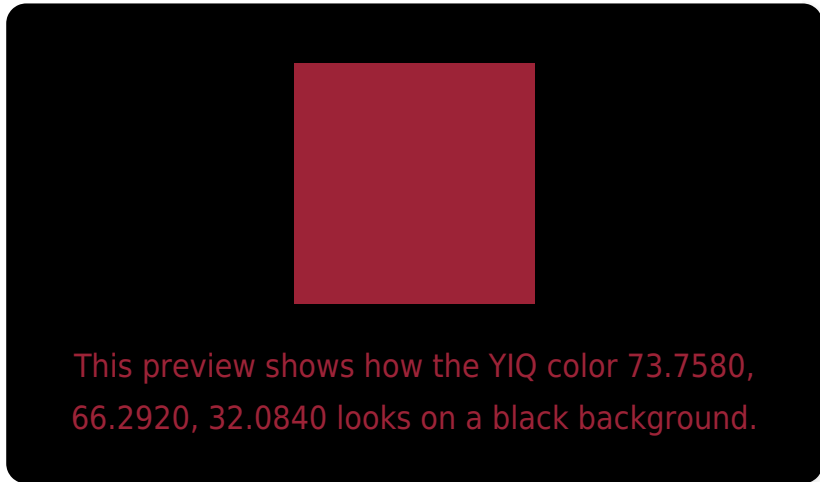
Large Text (above 18pt) WCAG AA ✓ Pass

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

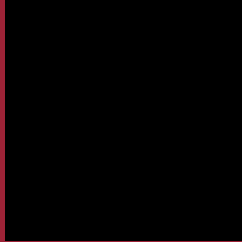
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.7580, 66.2920, 32.0840

Background



This preview shows how black text looks on a background with the YIQ color 73.7580, 66.2920, 32.0840.



This preview shows how white text looks on a background with the YIQ color 73.7580, 66.2920,

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

73.7580, 66.2920, 32.0840

Protanopia

84.1700, 5.2730, -1.9510

Deuteranopia

83.9300, 23.3840, -5.2880



Tritanopia

73.3960, 70.0070, 25.3270

Trichromacy



Original Color

73.7580, 66.2920, 32.0840

Protanomaly

80.2810, 27.3700, 10.5860

Deuteranomaly

80.1590, 39.3370, 8.4650

Tritanomaly

73.4930, 68.3560, 27.7160

Monochromacy



Original Color

73.7580, 66.2920, 32.0840

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.9540, 23.9770, 11.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.7580, 66.2920, 32.0840 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(157, 35, 55)` looks like.

```
.text, #text, p{  
    color:rgb(157, 35, 55)  
}
```

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(157, 35, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 35, 55) }
```

Border

The CSS property to change the border of an element to YIQ 73.7580, 66.2920, 32.0840 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(157, 35, 55) }
```


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

```
.border{ border-color:rgb(157, 35, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 35, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 35, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 35, 55);  
box-shadow:4px 4px 4px 4px rgb(157, 35,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 73.7580, 66.2920, 32.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 35, 55) }
```

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

```
.background{ background-color: rgb(157, 35,  
55) }
```

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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