

Converting Colors

YIQ(83.7580, 66.2920, 32.0840)

Have a look what the booklet for
YIQ(83.7580, 66.2920, 32.0840)
contains.

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Color

**YIQ(83.7580, 66.2920,
32.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	A72D41
RGB	167, 45, 65
RGB Percent	65%, 18%, 25%
CMY	0.3448, 0.8237, 0.7448
CMYK	0.00, 0.73, 0.61, 0.34
HSL	350°, 58%, 42%
HSV	350°, 73%, 66%
XYZ	17.8451, 10.4792, 6.0928
YIQ	83.7580, 66.2920, 32.0840

Conversions

Conversions Part 2

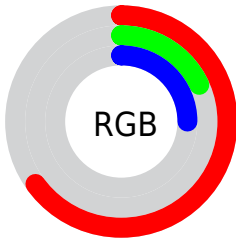
Format	Color
RYB	167, 45, 65
Decimal	10956097
CIELab	38.69, 50.58, 17.79
CIELCh	39, 53.616, 19.383
Yxy	10.4792, 0.5185, 0.3045
Android (android.graphics.Color)	4289146177 (0xFFA72D41)
YUV	83.7580, -9.2477, 73.0032
Hunter-Lab	32.3715, 41.7494, 11.5009

Details

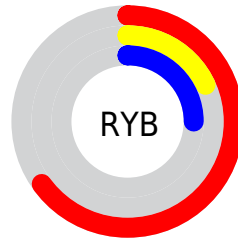
The YIQ color **83.7580, 66.2920, 32.0840** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **128.2420, -66.2920, -32.0840**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.4550, 71.5190, 30.9670**, and **34.9140, 56.9850, 30.0490** is the 20% darker color. If you saturate the color by 10%, you get **72.1830, 75.4610, 36.6210**, and if you desaturate by 10%, it is **95.3330, 57.1230, 27.5470**.

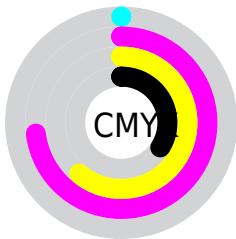
Distribution



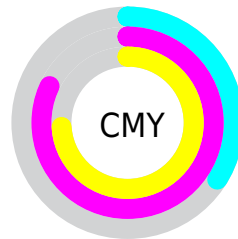
- Red (65%)
- Green (18%)
- Blue (25%)



- Red (65%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (73%)
- Yellow (61%)
- Black (34%)





- Cyan (34%)
- Magenta (82%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.7580, 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 83.7580, 66.2920, 32.0840 by changing the saturation by 10% instead.


 83.7580, 66.2920,
32.0840


 83.7580, 66.2920,
32.0840


255.0000, -0.0000,
-0.0000


 50.8600, 66.2450,
38.4450


 139.4550, 71.5190,
30.9670


 34.9140, 56.9850,
30.0490


 166.5260, 72.7570,
30.5570


 23.9200, 47.6800,
16.9600

 185.9260, 56.7110,
23.9990

 16.3740, 31.5420,
12.0700

 205.4400, 40.3440,
17.7520

 1.4950, 2.9800,
1.0600

 225.0680, 23.6560,
11.8160

 0.0000, 0.0000,
0.0000

 245.3970, 6.3720,

5.6680

■ 83.7580, 66.2920,
32.0840

■ 83.7580, 66.2920,
32.0840

■ 72.1830, 75.4610,
36.6210

■ 95.3330, 57.1230,
27.5470

■ 61.1950, 84.3550,
40.6350

■ 106.3210, 48.2290,
23.5330

■ 53.1250, 90.5440,
44.1120

■ 117.8960, 39.0600,
18.9960

■ 129.4710, 29.8910,
14.4590

■ 140.4590, 20.9970,
10.4450

■ 152.0340, 11.8280,
5.9080

■ 163.6090, 2.6590,
1.3710

■ 175.1840, -6.5100,
-3.1660

■ 186.1720,
-15.4040, -7.1800

Harmonies

Analogous

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



86.5670, 48.3170, 43.9730



83.7580, 66.2920, 32.0840



86.0510, 65.8840, 6.4280

Triad

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



83.7580, 66.2920, 32.0840



71.6930, -25.6220, -42.2780



79.4650, -84.5920, 2.2240

Complementary

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



83.7580, 66.2920, 32.0840



128.2420, -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.



81.2940, -80.0970, -7.6570



83.7580, 66.2920, 32.0840



73.0060, -54.0040, -34.5160

Square

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



83.7580, 66.2920, 32.0840



82.0550, 23.3890, -32.9230



78.7230, -68.7240, -21.0440



85.8660, -48.5120, 20.1600

Rectangle

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



83.7580, 66.2920, 32.0840



85.8520, 58.4140, -12.3860



78.7230, -68.7240, -21.0440



80.7700, -84.1330, -0.5890

Sweetspot

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



83.7580, 66.2920, 32.0840



184.2640, 26.0400, 12.6640



89.4060, 21.6300, 59.5660



90.2410, 15.6790, 7.7030



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



83.7580, 66.2920, 32.0840



86.6430, 103.8850, 50.1330



105.5450, 61.4370, 4.4210



78.5060, 4.4470, 2.0070



46.9880, 80.5040, 38.8400



6.3220, 10.9570, 5.1730

Inverse Universe

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



83.7580, 66.2920, 32.0840



86.6430, 103.8850, 50.1330



106.4550, -61.4370, -4.4210



78.5060, 4.4470, 2.0070



46.9880, 80.5040, 38.8400



6.3220, 10.9570, 5.1730

Previews

White Background



This preview shows how the YIQ color 83.7580, 66.2920, 32.0840 looks on a white background.

Color Contrast Check

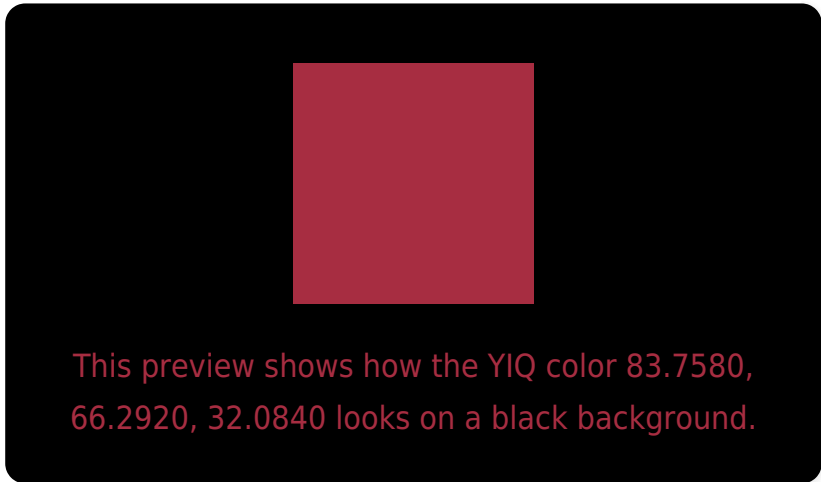
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

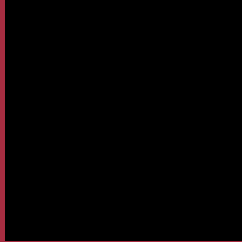
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.7580, 66.2920, 32.0840

Background



This preview shows how black text looks on a background with the YIQ color 83.7580, 66.2920, 32.0840.



This preview shows how white text looks on a background with the YIQ color 83.7580, 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

83.7580, 66.2920, 32.0840

Protanopia

92.2130, 3.7140, -1.2300

Deuteranopia

91.5710, 23.0170, -4.1430



Tritanopia

83.5100, 69.6860, 25.6380

Trichromacy



Original Color

83.7580, 66.2920, 32.0840

Protanomaly

89.0960, 26.4530, 10.6850

Deuteranomaly

88.3870, 38.6950, 9.0870

Tritanomaly

83.4930, 68.3560, 27.7160

Monochromacy



Original Color

83.7580, 66.2920, 32.0840

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

83.9540, 23.9770, 11.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.7580, 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(167, 45, 65)` looks like.

```
.text, #text, p{  
    color:rgb(167, 45, 65)  
}
```

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(167, 45, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 45, 65) }
```

Border

The CSS property to change the border of an element to YIQ 83.7580, 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(167, 45, 65) }
```


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

```
.border{ border-color:rgb(167, 45, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 45, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 45, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 45, 65);  
box-shadow:4px 4px 4px 4px rgb(167, 45,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 83.7580, 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(167, 45, 65) }
```

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

```
.background{ background-color: rgb(167, 45,  
65) }
```

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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