

Converting Colors

YIQ(76.6620, 75.3700, 32.7620)

Have a look what the booklet for
YIQ(76.6620, 75.3700, 32.7620)
contains.

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Color

**YIQ(76.6620, 75.3700,
32.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	A92331
RGB	169, 35, 49
RGB Percent	66%, 14%, 19%
CMY	0.3369, 0.8629, 0.8076
CMYK	0.00, 0.79, 0.71, 0.34
HSL	354°, 66%, 40%
HSV	354°, 79%, 66%
XYZ	17.5354, 9.8654, 3.8939
YIQ	76.6620, 75.3700, 32.7620

Conversions

Conversions Part 2

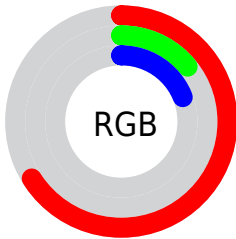
Format	Color
R_{YB}	169, 35, 49
Decimal	11084593
CIE _{Lab}	37.60, 53.61, 26.52
CIE _{LCh}	38, 59.808, 26.323
Yxy	9.8654, 0.5603, 0.3152
Android (android.graphics.Color)	4289274673 (0xFFA92331)
YUV	76.6620, -13.6374, 80.9804
Hunter-Lab	31.4092, 44.6885, 14.6361

Details

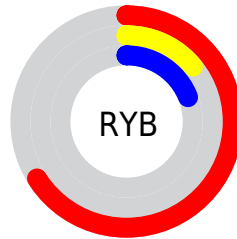
The YIQ color **76.6620, 75.3700, 32.7620** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **127.3380, -75.3700, -32.7620**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.1910, 81.0100, 29.6660**, and **33.0470, 63.6800, 24.3520** is the 20% darker color. If you saturate the color by 10%, you get **64.9730, 84.8600, 36.9880**, and if you desaturate by 10%, it is **88.3510, 65.8800, 28.5360**.

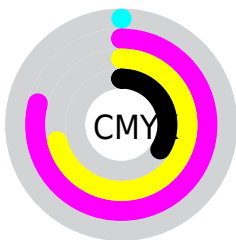
Distribution



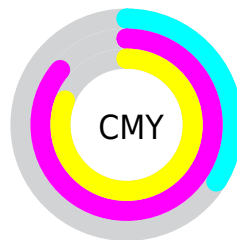
- Red (66%)
- Green (14%)
- Blue (19%)



- Red (66%)
- Yellow (14%)
- Blue (19%)



- Cyan (0%)
- Magenta (79%)
- Yellow (71%)
- Black (34%)





- Cyan (34%)
- Magenta (86%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.6620, 75.3700, 32.7620 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 76.6620, 75.3700, 32.7620 by changing the saturation by 10% instead.


 76.6620, 75.3700,
32.7620


 76.6620, 75.3700,
32.7620


255.0000, -0.0000,
-0.0000


 44.7530, 73.8560,
38.1760


 134.4900, 81.6060,
29.8780


 33.0470, 63.6800,
24.3520

 160.3650, 80.4600,
28.6200


 23.9200, 47.6800,
16.9600

 179.7650, 64.4140,
22.0620

 15.7760, 30.3500,
11.6460

 199.1650, 48.3680,
15.5040

 0.0000, 0.0000,
0.0000

 219.3800, 31.4050,
9.0450

 239.5950, 14.4420,

2.5860

■ 76.6620, 75.3700,
32.7620

■ 76.6620, 75.3700,
32.7620

■ 64.9730, 84.8600,
36.9880

■ 88.3510, 65.8800,
28.5360

■ 53.2840, 94.3500,
41.2140

■ 100.0400, 56.3900,
24.3100

■ 52.5830, 94.9460,
41.4260

■ 111.7290, 46.9000,
20.0840

■ 123.5320, 37.0890,
16.1690

■ 134.6340, 27.8740,
12.4660

■ 146.3230, 18.3840,
8.2400

■ 158.0120, 8.8940,
4.0140

■ 169.7010, -0.5960,
-0.2120

■ 181.3900,
-10.0860, -4.4380

Harmonies

Analogous

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



75.3780, 62.3910, 53.2310



76.6620, 75.3700, 32.7620



81.2330, 70.8830, -1.5730

Triad

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



76.6620, 75.3700, 32.7620



64.9410, -38.1840, -45.8960



78.1430, -86.3810, 7.1150

Complementary

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



76.6620, 75.3700, 32.7620



127.3380, -75.3700, -32.7620

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.



81.4880, -83.3990, -2.8790



76.6620, 75.3700, 32.7620



73.2170, -55.9760, -31.8160

Square

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



76.6620, 75.3700, 32.7620



77.2600, 12.3860, -37.2620



78.8030, -71.7050, -16.5770



86.1820, -37.4180, 28.3580

Rectangle

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



76.6620, 75.3700, 32.7620



83.4600, 53.6460, -14.0820



78.8030, -71.7050, -16.5770



80.1490, -86.5180, 4.0900

Sweetspot

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



76.6620, 75.3700, 32.7620



183.1180, 29.3870, 12.5790



85.5580, 27.3140, 66.6900



87.9100, 18.1090, 7.7170



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.



76.6620, 75.3700, 32.7620



75.7000, 116.9060, 50.9380



105.0030, 65.8390, 1.7350



78.5060, 4.4470, 2.0070



46.0760, 83.0720, 36.3520



6.2080, 11.2780, 4.8620

Inverse Universe

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



76.6620, 75.3700, 32.7620



75.7000, 116.9060, 50.9380



98.9970, -65.8390, -1.7350



78.5060, 4.4470, 2.0070



46.0760, 83.0720, 36.3520



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 76.6620, 75.3700, 32.7620 looks on a white background.

Color Contrast Check

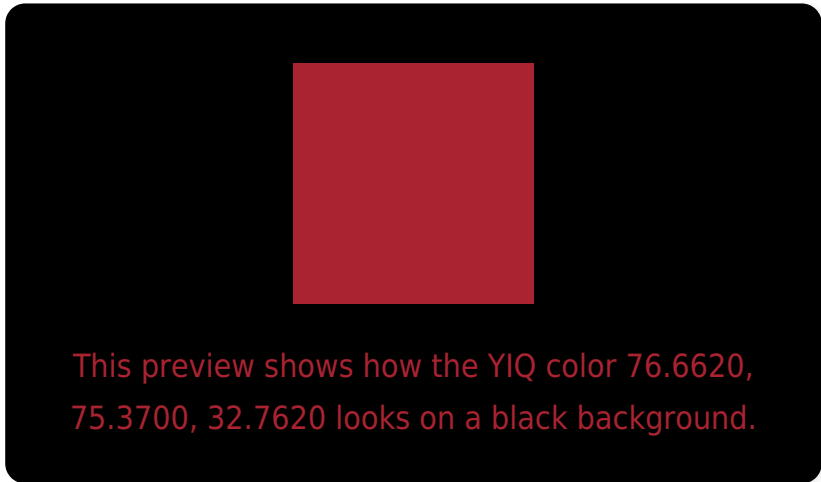
Large Text (above 18pt) WCAG AA ✓ Pass

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

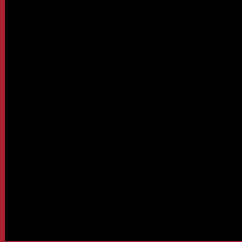
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.6620, 75.3700, 32.7620

Background



This preview shows how black text looks on a background with the YIQ color 76.6620, 75.3700, 32.7620.

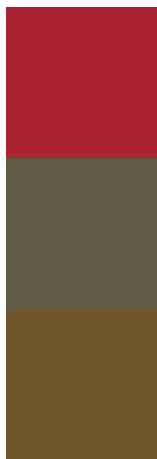


This preview shows how white text looks on a background with the YIQ color 76.6620, 75.3700,

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

76.6620, 75.3700, 32.7620

Protanopia

89.2860, 10.6380, -5.5700

Deuteranopia

87.7580, 29.6200, -8.1720



Tritanopia

76.5820, 78.3510, 28.2950

Trichromacy



Original Color

76.6620, 75.3700, 32.7620

Protanomaly

84.8210, 34.4770, 8.4370

Deuteranomaly

83.8130, 46.1230, 6.6270

Tritanomaly

76.4510, 77.3420, 30.0620

Monochromacy



Original Color

76.6620, 75.3700, 32.7620

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.9220, 27.0030, 11.7310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.6620, 75.3700, 32.7620 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(169, 35, 49)` looks like.

```
.text, #text, p{  
    color:rgb(169, 35, 49)  
}
```

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(169, 35, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 35, 49) }
```

Border

The CSS property to change the border of an element to YIQ 76.6620, 75.3700, 32.7620 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(169, 35, 49) }
```


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

```
.border{ border-color:rgb(169, 35, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 35, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 35, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 35, 49);  
box-shadow:4px 4px 4px 4px rgb(169, 35,  
49) }
```

Background

The CSS property to change the background color of an element to YIQ 76.6620, 75.3700, 32.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 35, 49) }
```

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

```
.background{ background-color: rgb(169, 35,  
49) }
```

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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