

Converting Colors

YIQ(57.6090, 56.5260, 32.8620)

Have a look what the booklet for
YIQ(57.6090, 56.5260, 32.8620)
contains.

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Color

**YIQ(57.6090, 56.5260,
32.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	841533
RGB	132, 21, 51
RGB Percent	52%, 8%, 20%
CMY	0.4821, 0.9178, 0.7998
CMYK	0.00, 0.84, 0.61, 0.48
HSL	344°, 73%, 30%
HSV	344°, 84%, 52%
XYZ	10.3930, 5.6854, 3.6875
YIQ	57.6090, 56.5260, 32.8620

Conversions

Conversions Part 2

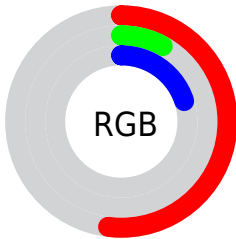
Format	Color
R_{YB}	132, 21, 51
Decimal	8656179
CIE Lab	28.60, 46.83, 12.20
CIE LCh	29, 48.396, 14.597
Yxy	5.6854, 0.5258, 0.2876
Android (android.graphics.Color)	4286846259 (0xFF841533)
YUV	57.6090, -3.2582, 65.2409
Hunter-Lab	23.8442, 36.0758, 7.5216

Details

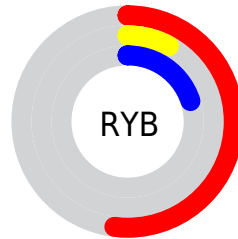
The YIQ color **57.6090, 56.5260, 32.8620** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **95.3910, -56.5260, -32.8620**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **113.6540, 60.6530, 29.6530**, and **23.2940, 43.6910, 17.6670** is the 20% darker color. If you saturate the color by 10%, you get **48.8380, 63.3110, 36.5510**, and if you desaturate by 10%, it is **66.3800, 49.7410, 29.1730**.

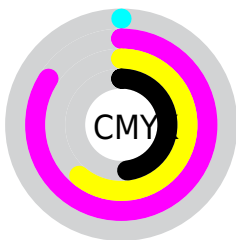
Distribution



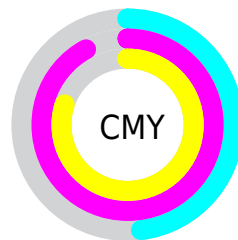
- Red (52%)
- Green (8%)
- Blue (20%)



- Red (52%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (84%)
- Yellow (61%)
- Black (48%)



- Cyan (48%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.6090, 56.5260, 32.8620 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 57.6090, 56.5260, 32.8620 by changing the saturation by 10% instead.

■ 57.6090, 56.5260,
32.8620

■ 57.6090, 56.5260,
32.8620

255.0000, -0.0000,
-0.0000

■ 34.5160, 52.3540,
31.3780

■ 113.6540, 60.6530,
29.6530

■ 23.2940, 43.6910,
17.6670

■ 140.7360, 63.3580,
30.1900

■ 15.4770, 29.7540,
11.4340

■ 168.5190, 65.4670,
30.5150

■ 0.0000, 0.0000,
0.0000

■ 189.4140, 52.4010,
25.0170

■ 208.9280, 36.0340,
18.7700

■ 228.5560, 19.3460,

12.8340

248.5430, 3.0250,
5.7530

57.6090, 56.5260,
32.8620

57.6090, 56.5260,
32.8620

48.8380, 63.3110,
36.5510

66.3800, 49.7410,
29.1730

43.5720, 67.1160,
39.1800

75.0370, 43.2770,
25.1730

84.3950, 36.2170,
20.9610

93.1660, 29.4320,
17.2720

101.8230, 22.9680,
13.2720

■ 110.5940, 16.1830,
9.5830

■ 119.2510, 9.7190,
5.5830

■ 128.6090, 2.6590,
1.3710

■ 137.3800, -4.1260,
-2.3180

Harmonies

Analogous

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



62.0710, 37.9100, 39.8460



57.6090, 56.5260, 32.8620



61.6680, 56.8970, 9.6090

Triad

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



57.6090, 56.5260, 32.8620



51.6130, -13.4730, -36.6810



61.1590, -66.1150, 3.2690

Complementary

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



57.6090, 56.5260, 32.8620



95.3910, -56.5260, -32.8620

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.



61.8140, -61.0700, -5.5660



57.6090, 56.5260, 32.8620



53.3780, -37.3160, -28.5800

Square

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



57.6090, 56.5260, 32.8620



61.7100, 20.4070, -22.9290



58.9980, -50.3850, -17.4970



54.8160, -63.4110, 9.3330

Rectangle

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



57.6090, 56.5260, 32.8620



63.4030, 49.7930, -4.8230



58.9980, -50.3850, -17.4970



62.3500, -65.3350, 0.1450

Sweetspot

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



57.6090, 56.5260, 32.8620



142.2250, 21.7760, 12.8480



57.5740, 12.0490, 51.4810



69.5720, 13.2490, 7.6890



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



57.6090, 56.5260, 32.8620



56.3730, 87.1500, 50.5580



68.2770, 59.5560, 10.9800



61.9080, 3.2550, 1.5830



42.8600, 66.2450, 38.4450



1.0110, 1.4670, 0.9470

Inverse Universe

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



57.6090, 56.5260, 32.8620



56.3730, 87.1500, 50.5580



84.7230, -59.5560, -10.9800



61.9080, 3.2550, 1.5830



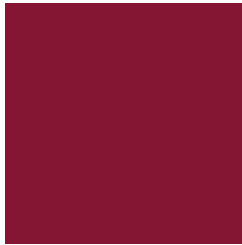
42.8600, 66.2450, 38.4450



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 57.6090, 56.5260, 32.8620 looks on a white background.

Color Contrast Check

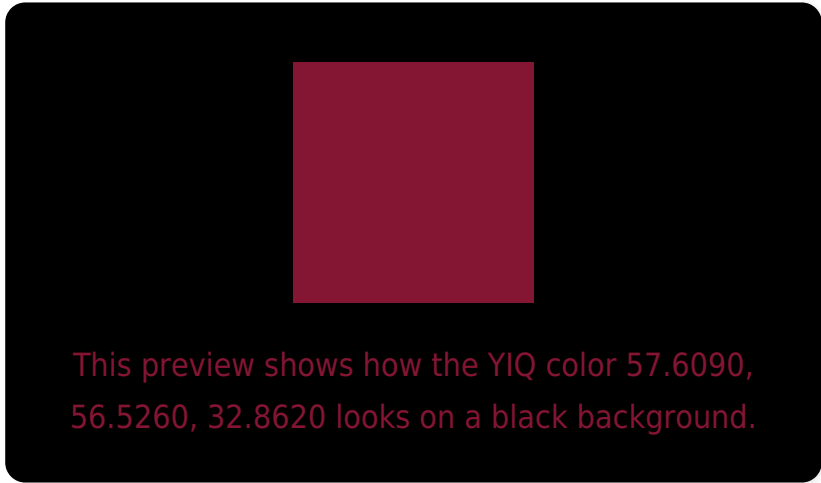
Large Text (above 18pt) WCAG AA ✓ Pass

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

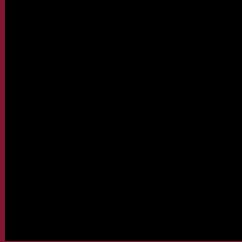
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.6090, 56.5260, 32.8620

Background



This preview shows how black text looks on a background with the YIQ color 57.6090, 56.5260, 32.8620.



This preview shows how white text looks on a background with the YIQ color 57.6090, 56.5260,

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

57.6090, 56.5260, 32.8620

Protanopia

69.6410, -0.3670, 1.1450

Deuteranopia

68.8030, 16.5520, -2.6160



Tritanopia

58.0960, 61.9840, 22.0480

Trichromacy



Original Color

57.6090, 56.5260, 32.8620

Protanomaly

65.6270, 20.5840, 12.4240

Deuteranomaly

65.0210, 31.0380, 10.1900

Tritanomaly

57.9480, 59.6450, 25.8930

Monochromacy



Original Color

57.6090, 56.5260, 32.8620

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.1000, 20.6300, 11.5900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.6090, 56.5260, 32.8620 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(132, 21, 51)` looks like.

```
.text, #text, p{  
    color:rgb(132, 21, 51)  
}
```

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(132, 21, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 21, 51) }
```

Border

The CSS property to change the border of an element to YIQ 57.6090, 56.5260, 32.8620 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(132, 21, 51) }
```


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

```
.border{ border-color:rgb(132, 21, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 21, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 21, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 21, 51);  
box-shadow:4px 4px 4px 4px rgb(132, 21,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 57.6090, 56.5260, 32.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 21, 51) }
```

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

```
.background{ background-color: rgb(132, 21,  
51) }
```

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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