

Converting Colors

YIQ(65.4950, 56.8470, 32.5510)

Have a look what the booklet for
YIQ(65.4950, 56.8470, 32.5510)
contains.

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Color

**YIQ(65.4950, 56.8470,
32.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	8C1D3A
RGB	140, 29, 58
RGB Percent	55%, 11%, 23%
CMY	0.4507, 0.8864, 0.7723
CMYK	0.00, 0.79, 0.59, 0.45
HSL	344°, 66%, 33%
HSV	344°, 79%, 55%
XYZ	12.0306, 6.7642, 4.6814
YIQ	65.4950, 56.8470, 32.5510

Conversions

Conversions Part 2

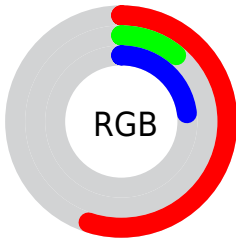
Format	Color
R_{YB}	140, 29, 58
Decimal	9182522
CIE _{Lab}	31.26, 47.32, 11.42
CIE _{LCh}	31, 48.682, 13.572
Yxy	6.7642, 0.5125, 0.2881
Android (android.graphics.Color)	4287372602 (0xFF8C1D3A)
YUV	65.4950, -3.6950, 65.3409
Hunter-Lab	26.0080, 37.0553, 7.5334

Details

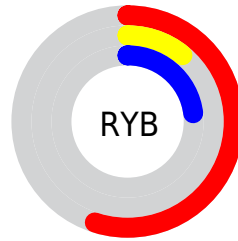
The YIQ color **65.4950, 56.8470, 32.5510** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **103.5050, -56.8470, -32.5510**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.4800, 61.2030, 30.6990**, and **26.6410, 44.3320, 22.5720** is the 20% darker color. If you saturate the color by 10%, you get **56.1370, 63.9070, 36.7630**, and if you desaturate by 10%, it is **74.8530, 49.7870, 28.3390**.

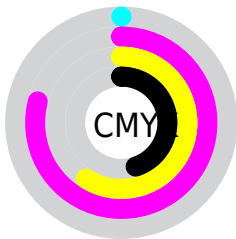
Distribution



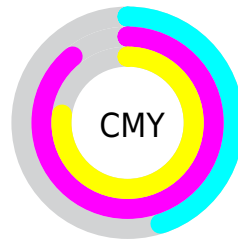
- Red (55%)
- Green (11%)
- Blue (23%)



- Red (55%)
- Yellow (11%)
- Blue (23%)



- Cyan (0%)
- Magenta (79%)
- Yellow (59%)
- Black (45%)





- Cyan (45%)
- Magenta (89%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 65.4950, 56.8470, 32.5510 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 65.4950, 56.8470, 32.5510 by changing the saturation by 10% instead.


 65.4950, 56.8470,
32.5510


 65.4950, 56.8470,
32.5510


255.0000, -0.0000,
-0.0000


 37.7060, 54.8750,
35.2510


 120.7790, 61.7990,
30.9110


 26.9400, 44.9280,
22.7840

 148.1490, 63.6330,
30.7130


 17.5700, 33.9260,
12.9180

 175.0350, 63.9540,
30.4020

 6.2790, 12.5160,
4.4520

 194.5490, 47.5870,
24.1550

 0.0000, 0.0000,
0.0000

 214.0630, 31.2200,
17.9080

 233.8050, 14.2110,

12.2830

253.2390, 0.8250,
1.5690

65.4950, 56.8470,
32.5510

65.4950, 56.8470,
32.5510

56.1370, 63.9070,
36.7630

74.8530, 49.7870,
28.3390

46.6650, 71.2880,
40.6640

84.3250, 42.4060,
24.4380

46.0780, 71.5630,
41.1870

93.6830, 35.3460,
20.2260

103.0410, 28.2860,
16.0140

112.5130, 20.9050,
12.1130

■ 121.8710, 13.8450,
7.9010

■ 131.2290, 6.7850,
3.6890

■ 140.7010, -0.5960,
-0.2120

■ 150.0590, -7.6560,
-4.4240

Harmonies

Analogous

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



69.7720, 37.3140, 39.6340



65.4950, 56.8470, 32.5510



68.3800, 57.7680, 10.3440

Triad

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



65.4950, 56.8470, 32.5510



58.8800, -9.8510, -36.2430



66.0660, -70.2870, 1.7850

Complementary

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



65.4950, 56.8470, 32.5510



103.5050, -56.8470, -32.5510

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.



66.6070, -64.9210, -7.3610



65.4950, 56.8470, 32.5510



58.0570, -40.8460, -30.6860

Square

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



65.4950, 56.8470, 32.5510



67.3250, 22.9290, -24.5830



63.0900, -53.6400, -19.0800



59.1360, -67.3080, 8.3720

Rectangle

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



65.4950, 56.8470, 32.5510



68.7300, 53.1860, -5.7420



63.0900, -53.6400, -19.0800



66.6700, -69.2320, -0.8160

Sweetspot

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



65.4950, 56.8470, 32.5510



152.1110, 22.0970, 12.5370



65.8730, 12.6450, 51.6930



73.8710, 13.8450, 7.9010



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



65.4950, 56.8470, 32.5510



65.5580, 88.0670, 50.4590



77.4510, 59.0060, 9.9340



64.3210, 3.5300, 2.1060



43.7570, 68.0330, 39.0810



1.6090, 2.6590, 1.3710

Inverse Universe

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



65.4950, 56.8470, 32.5510



65.5580, 88.0670, 50.4590



91.5490, -59.0060, -9.9340



64.3210, 3.5300, 2.1060



43.7570, 68.0330, 39.0810



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 65.4950, 56.8470, 32.5510 looks on a white background.

Color Contrast Check

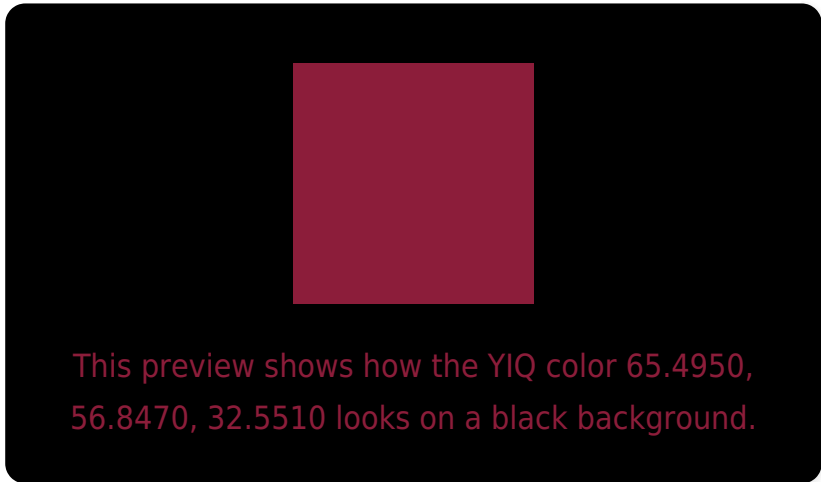
Large Text (above 18pt) WCAG AA ✓ Pass

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

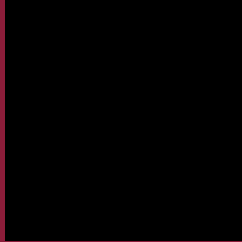
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.4950, 56.8470, 32.5510

Background



This preview shows how black text looks on a background with the YIQ color 65.4950, 56.8470, 32.5510.



This preview shows how white text looks on a background with the YIQ color 65.4950, 56.8470,

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

65.4950, 56.8470, 32.5510

Protanopia

75.4560, -1.2840, 1.2440

Deuteranopia

75.2160, 16.8270, -2.0930



Tritanopia

65.5090, 62.2590, 22.5710

Trichromacy



Original Color

65.4950, 56.8470, 32.5510

Protanomaly

71.7410, 20.2630, 12.7350

Deuteranomaly

71.4340, 31.3130, 10.7130

Tritanomaly

65.2470, 60.2410, 26.1050

Monochromacy



Original Color

65.4950, 56.8470, 32.5510

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.1000, 20.6300, 11.5900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.4950, 56.8470, 32.5510 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(140, 29, 58)` looks like.

```
.text, #text, p{  
    color:rgb(140, 29, 58)  
}
```

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(140, 29, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 29, 58) }
```

Border

The CSS property to change the border of an element to YIQ 65.4950, 56.8470, 32.5510 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(140, 29, 58) }
```


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

```
.border{ border-color:rgb(140, 29, 58) }
```

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

Here you see how a box with a 4 pixel rgb(140, 29, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 29, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 29, 58);  
box-shadow:4px 4px 4px 4px rgb(140, 29,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 65.4950, 56.8470, 32.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 29, 58) }
```

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

```
.background{ background-color: rgb(140, 29,  
58) }
```

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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