

Converting Colors

YIQ(56.8540, 83.5770, 32.7050)

Have a look what the booklet for
YIQ(56.8540, 83.5770, 32.7050)
contains.

YIQ(56.8540, 83.5770, 32.7050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(56.8540, 83.5770,
32.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	9D0D14
RGB	157, 13, 20
RGB Percent	62%, 5%, 8%
CMY	0.3840, 0.9492, 0.9212
CMYK	0.00, 0.92, 0.87, 0.38
HSL	357°, 85%, 33%
HSV	357°, 92%, 62%
XYZ	14.1921, 7.5141, 1.3681
YIQ	56.8540, 83.5770, 32.7050

Conversions

Conversions Part 2

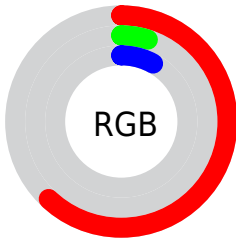
Format	Color
R_{YB}	157, 13, 20
Decimal	10292500
CIE Lab	32.95, 54.27, 37.90
CIE LCh	33, 66.194, 34.929
Yxy	7.5141, 0.6151, 0.3256
Android (android.graphics.Color)	4288482580 (0xFF9D0D14)
YUV	56.8540, -18.1690, 87.8280
Hunter-Lab	27.4119, 44.4447, 16.2293

Details

The YIQ color **56.8540, 83.5770, 32.7050** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **113.1460, -83.5770, -32.7050**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5630, 88.5300, 25.5380**, and **28.7040, 57.2160, 20.3520** is the 20% darker color. If you saturate the color by 10%, you get **47.8550, 91.0040, 35.7720**, and if you desaturate by 10%, it is **67.9560, 74.3620, 29.0020**.

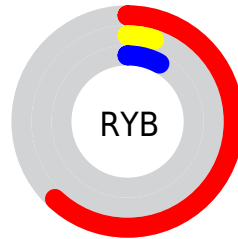
Distribution



Red (62%)

Green (5%)

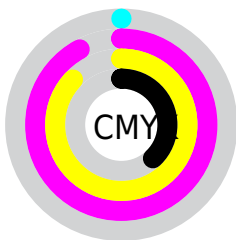
Blue (8%)



Red (62%)

Yellow (5%)

Blue (8%)

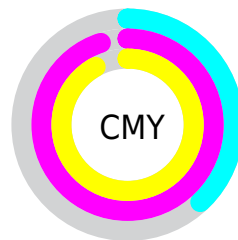


Cyan (0%)

Magenta (92%)

Yellow (87%)

Black (38%)



Cyan (38%)


Magenta (95%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 56.8540, 83.5770, 32.7050 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 56.8540, 83.5770, 32.7050 by changing the saturation by 10% instead.


 56.8540, 83.5770,
32.7050


 56.8540, 83.5770,
32.7050


 254.3160, 1.9260,
-1.8660


 37.9730, 75.6920,
26.9240


 118.5630, 88.5300,
25.5380


 28.7040, 57.2160,
20.3520

 147.3030, 92.1980,
25.1420


 20.1470, 39.6110,
14.5150

 167.7850, 78.8570,
19.1210

 11.1770, 21.7310,
8.1550

 186.5980, 63.0860,
13.0860

 0.0000, 0.0000,
0.0000

 206.5850, 46.7650,
6.0050

 226.6860, 30.1230,

-0.7650

■ 246.9010, 13.1600,
-7.2240

■ 56.8540, 83.5770,
32.7050

■ 56.8540, 83.5770,
32.7050

■ 47.8550, 91.0040,
35.7720

■ 67.9560, 74.3620,
29.0020

■ 78.4710, 65.4220,
25.8220

■ 89.5730, 56.2070,
22.1190

■ 100.6750, 46.9920,
18.4160

■ 111.7770, 37.7770,
14.7130

■ 122.2920, 28.8370,
11.5330

■ 133.3940, 19.6220,
7.8300

■ 144.4960, 10.4070,
4.1270

■ 154.8970, 1.7880,
0.6360

Harmonies

Analogous

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



57.4290, 75.5490, 57.0610



56.8540, 83.5770, 32.7050



72.0300, 61.2090, -2.4630

Triad

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



56.8540, 83.5770, 32.7050



59.5440, -35.3880, -41.5000



69.1100, -81.6140, 14.3380

Complementary

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



56.8540, 83.5770, 32.7050



113.1460, -83.5770, -32.7050

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.



74.9000, -81.3830, 4.6410



56.8540, 83.5770, 32.7050



67.2160, -54.2350, -24.8190

Square

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



56.8540, 83.5770, 32.7050



61.2020, -8.0620, -41.1340



73.1440, -70.9270, -8.6470



77.3740, -20.0430, 38.3650

Rectangle

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



56.8540, 83.5770, 32.7050



73.6480, 41.3130, -16.3430



73.1440, -70.9270, -8.6470



72.6320, -83.2640, 11.2000

Sweetspot

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



56.8540, 83.5770, 32.7050



164.3850, 33.0090, 13.0170



70.3790, 35.4280, 73.8280



77.6930, 20.2180, 8.0420



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.



56.8540, 83.5770, 32.7050



62.1360, 118.3740, 46.3580



94.2110, 67.9490, -3.4670



73.5060, 4.4470, 2.0070



43.5550, 82.9810, 32.4930



4.5990, 8.6190, 3.4910

Inverse Universe

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



56.8540, 83.5770, 32.7050



62.1360, 118.3740, 46.3580



75.7890, -67.9490, 3.4670



73.5060, 4.4470, 2.0070



43.5550, 82.9810, 32.4930



4.5990, 8.6190, 3.4910

Previews

White Background



This preview shows how the YIQ color 56.8540, 83.5770, 32.7050 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 56.8540, 83.5770, 32.7050

Background



This preview shows how black text looks on a background with the YIQ color 56.8540, 83.5770, 32.7050.



This preview shows how white text looks on a background with the YIQ color 56.8540, 83.5770,

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

56.8540, 83.5770, 32.7050

Protanopia

77.4470, 20.1300, -12.3980

Deuteranopia

74.8110, 39.2960, -18.3360



Tritanopia

56.5460, 87.2000, 27.6160

Trichromacy



Original Color

56.8540, 83.5770, 32.7050

Protanomaly

70.2640, 43.2350, 3.8990

Deuteranomaly

68.0880, 55.2940, 0.1100

Tritanomaly

56.5290, 85.8700, 29.6940

Monochromacy



Original Color

56.8540, 83.5770, 32.7050

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8900, 30.0290, 11.9570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.8540, 83.5770, 32.7050 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, 13, 20)` looks like.

```
.text, #text, p{  
    color:rgb(157, 13, 20)  
}
```

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, 13, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 13, 20) }
```

Border

The CSS property to change the border of an element to YIQ 56.8540, 83.5770, 32.7050 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, 13, 20) }
```


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

```
.border{ border-color:rgb(157, 13, 20) }
```

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

Here you see how a box with a 4 pixel rgb(157, 13, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 13, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 13, 20);  
box-shadow:4px 4px 4px 4px rgb(157, 13,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 56.8540, 83.5770, 32.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 13, 20) }
```

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

```
.background{ background-color: rgb(157, 13,  
20) }
```

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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