

Converting Colors

YIQ(93.5350, 59.3700, 25.3700)

Have a look what the booklet for
YIQ(93.5350, 59.3700, 25.3700)
contains.

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Color

**YIQ(93.5350, 59.3700,
25.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	A63D47
RGB	166, 61, 71
RGB Percent	65%, 24%, 28%
CMY	0.3488, 0.7609, 0.7213
CMYK	0.00, 0.63, 0.57, 0.35
HSL	354°, 46%, 45%
HSV	354°, 63%, 65%
XYZ	18.5452, 11.9025, 7.2910
YIQ	93.5350, 59.3700, 25.3700

Conversions

Conversions Part 2

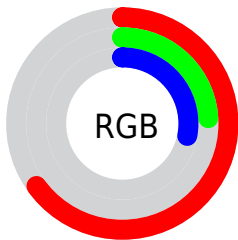
Format	Color
RYB	166, 61, 71
Decimal	10894663
CIELab	41.06, 44.05, 17.17
CIELCh	41, 47.277, 21.289
Yxy	11.9025, 0.4914, 0.3154
Android (android.graphics.Color)	4289084743 (0xFFA63D47)
YUV	93.5350, -11.1098, 63.5518
Hunter-Lab	34.5000, 35.5760, 11.6201

Details

The YIQ color **93.5350, 59.3700, 25.3700** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **133.4650, -59.3700, -25.3700**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1720, 64.8260, 25.6100**, and **35.4840, 55.3800, 31.6040** is the 20% darker color. If you saturate the color by 10%, you get **81.8460, 68.8600, 29.5960**, and if you desaturate by 10%, it is **105.2240, 49.8800, 21.1440**.

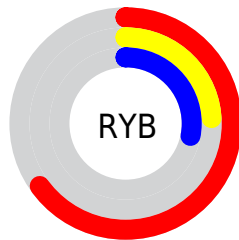
Distribution



Red (65%)

Green (24%)

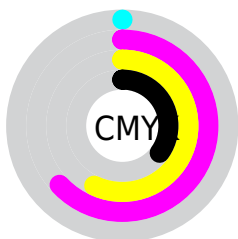
Blue (28%)



Red (65%)

Yellow (24%)

Blue (28%)

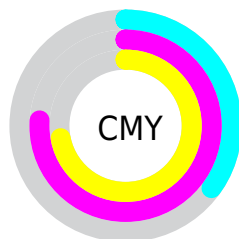


Cyan (0%)

Magenta (63%)

Yellow (57%)

Black (35%)



Cyan (35%)

Magenta (76%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.5350, 59.3700, 25.3700 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 93.5350, 59.3700, 25.3700 by changing the saturation by 10% instead.

■ 93.5350, 59.3700,
25.3700

■ 93.5350, 59.3700,
25.3700

255.0000, -0.0000,
-0.0000

■ 66.5070, 56.5730,
26.5010

■ 147.1720, 64.8260,
25.6100

■ 35.7830, 55.9760,
31.8160

■ 174.9550, 66.9350,
25.9350

■ 24.4470, 47.6340,
17.7940

■ 194.3550, 50.8890,
19.3770

■ 16.5590, 32.4590,
11.9710

■ 213.9830, 34.2010,
13.4410

■ 4.1860, 8.3440,
2.9680

■ 233.6110, 17.5130,
7.5050

■ 0.0000, 0.0000,
0.0000

253.8260, 0.5500,

1.0460

■ 93.5350, 59.3700,
25.3700

■ 93.5350, 59.3700,
25.3700

■ 81.8460, 68.8600,
29.5960

■ 105.2240, 49.8800,
21.1440

■ 70.7440, 78.0750,
33.2990

■ 116.3260, 40.6650,
17.4410

■ 59.0550, 87.5650,
37.5250

■ 128.0150, 31.1750,
13.2150

■ 51.4580, 93.8000,
40.1680

■ 139.1170, 21.9600,
9.5120

■ 150.8060, 12.4700,
5.2860

■ 162.4950, 2.9800,
1.0600

■ 173.5970, -6.2350,
-2.6430

■ 185.2860,
-15.7250, -6.8690

■ 196.3880,
-24.9400, -10.5720

Harmonies

Analogous

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



95.8990, 44.1460, 36.9620



93.5350, 59.3700, 25.3700



93.8760, 59.0070, 4.4070

Triad

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



93.5350, 59.3700, 25.3700



81.9480, -21.7260, -35.7900



81.4710, -84.7290, -0.8010

Complementary

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



93.5350, 59.3700, 25.3700



133.4650, -59.3700, -25.3700

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.



83.6420, -81.1970, -9.7490



93.5350, 59.3700, 25.3700



76.4940, -58.3140, -33.4980

Square

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



93.5350, 59.3700, 25.3700



88.8530, 21.1420, -30.7460



81.6410, -71.4290, -21.5810



95.1080, -34.5740, 20.8660

Rectangle

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



93.5350, 59.3700, 25.3700



93.0840, 51.9490, -10.8590



81.6410, -71.4290, -21.5810



82.7760, -84.2700, -3.6140

Sweetspot

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



93.5350, 59.3700, 25.3700



188.7150, 23.1520, 9.9360



101.3750, 22.9150, 52.7950



92.1160, 14.5330, 6.4450



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.



93.5350, 59.3700, 25.3700



103.1590, 93.2040, 39.9560



117.0490, 51.0300, 0.2940



78.5060, 4.4470, 2.0070



45.8480, 83.7140, 35.7300



6.2080, 11.2780, 4.8620

Inverse Universe

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



93.5350, 59.3700, 25.3700



103.1590, 93.2040, 39.9560



109.9510, -51.0300, -0.2940



78.5060, 4.4470, 2.0070



45.8480, 83.7140, 35.7300



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 93.5350, 59.3700, 25.3700 looks on a white background.

Color Contrast Check

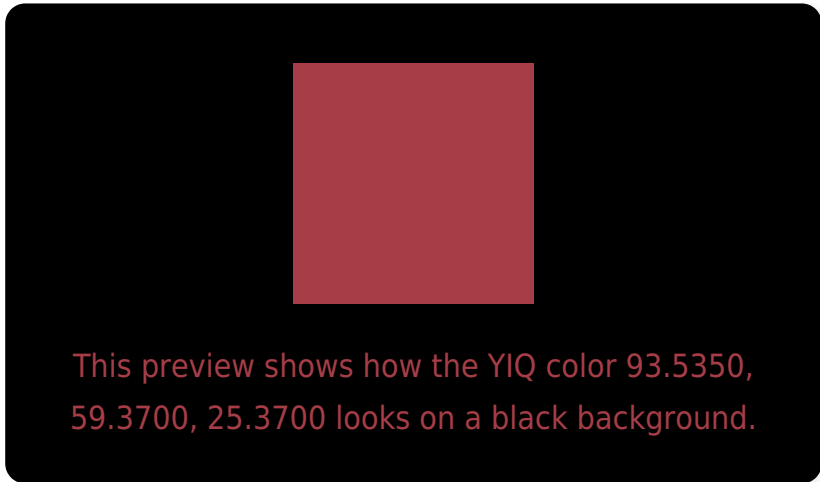
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.5350, 59.3700, 25.3700

Background



This preview shows how black text looks on a background with the YIQ color 93.5350, 59.3700, 25.3700.



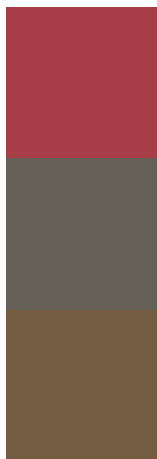
This preview shows how white text looks on a background with the YIQ color 93.5350, 59.3700,

25.3700.

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

93.5350, 59.3700, 25.3700

Protanopia

97.4690, 5.8690, -1.7390

Deuteranopia

97.0980, 22.9710, -3.3090



Tritanopia

93.5520, 60.7000, 23.2920

Trichromacy



Original Color

93.5350, 59.3700, 25.3700

Protanomaly

96.0310, 25.0780, 8.0700

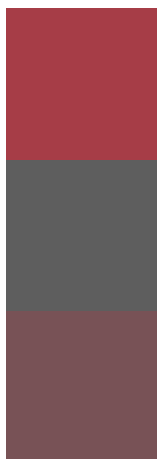
Deuteranomaly

95.6640, 36.3570, 7.4050

Tritanomaly

93.7800, 60.0580, 23.9140

Monochromacy



Original Color

93.5350, 59.3700, 25.3700

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8180, 21.3640, 9.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.5350, 59.3700, 25.3700 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(166, 61, 71)` looks like.

```
.text, #text, p{  
    color:rgb(166, 61, 71)  
}
```

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(166, 61, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 61, 71) }
```

Border

The CSS property to change the border of an element to YIQ 93.5350, 59.3700, 25.3700 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(166, 61, 71) }
```


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

```
.border{ border-color:rgb(166, 61, 71) }
```

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

Here you see how a box with a 4 pixel rgb(166, 61, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 61, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 61, 71);  
box-shadow:4px 4px 4px 4px rgb(166, 61,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 93.5350, 59.3700, 25.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 61, 71) }
```

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

```
.background{ background-color: rgb(166, 61,  
71) }
```

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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