

Converting Colors

YIQ(90.1440, 35.6660, 25.4420)

Have a look what the booklet for
YIQ(90.1440, 35.6660, 25.4420)
contains.

YIQ(90.1440, 35.6660, 25.4420)	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(90.1440, 35.6660,
25.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	8C405E
RGB	140, 64, 94
RGB Percent	55%, 25%, 37%
CMY	0.4508, 0.7491, 0.6313
CMYK	0.00, 0.54, 0.33, 0.45
HSL	336°, 37%, 40%
HSV	336°, 54%, 55%
XYZ	14.6771, 10.0518, 11.7634
YIQ	90.1440, 35.6660, 25.4420

Conversions

Conversions Part 2

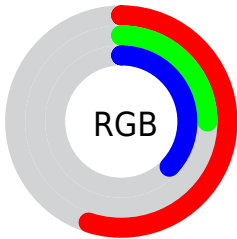
Format	Color
R_{YB}	140, 64, 94
Decimal	9191518
CIE Lab	37.94, 35.77, -2.26
CIE LCh	38, 35.841, 356.380
Yxy	10.0518, 0.4022, 0.2754
Android (android.graphics.Color)	4287381598 (0xFF8C405E)
YUV	90.1440, 1.9010, 43.7237
Hunter-Lab	31.7045, 27.1510, 0.1947

Details

The YIQ color **90.1440, 35.6660, 25.4420** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **113.8560, -35.6660, -25.4420**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.5250, 38.9670, 26.1910**, and **38.5290, 33.1440, 27.0960** is the 20% darker color. If you saturate the color by 10%, you get **81.0140, 42.0840, 30.2760**, and if you desaturate by 10%, it is **99.3880, 28.9270, 20.9190**.

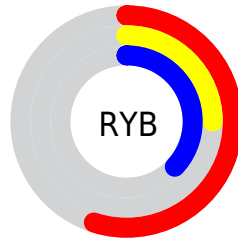
Distribution



Red (55%)

Green (25%)

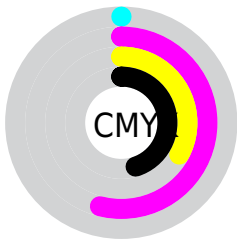
Blue (37%)



Red (55%)

Yellow (25%)

Blue (37%)

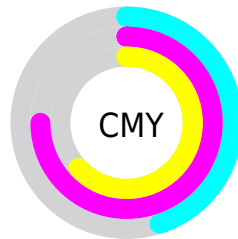


Cyan (0%)

Magenta (54%)

Yellow (33%)

Black (45%)



Cyan (45%)

Magenta (75%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.1440, 35.6660, 25.4420 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 90.1440, 35.6660, 25.4420 by changing the saturation by 10% instead.

■ 90.1440, 35.6660,
25.4420

■ 90.1440, 35.6660,
25.4420

■ 255.0000, -0.0000,
-0.0000

■ 64.6600, 34.1530,
25.3290

■ 142.5250, 38.9670,
26.1910

■ 38.5290, 33.1440,
27.0960

■ 169.5360, 40.4340,
27.1380

■ 21.3170, 27.6890,
21.3290

■ 197.1340, 41.6260,
27.5620

■ 12.0740, 23.5190,
8.7910

■ 217.0610, 25.5340,
21.8380

■ 0.0000, 0.0000,
0.0000

■ 236.8030, 8.5250,
16.2130

■ 253.8260, 0.5500,

1.0460

■ 90.1440, 35.6660,
25.4420

■ 90.1440, 35.6660,
25.4420

■ 81.0140, 42.0840,
30.2760

■ 99.3880, 28.9270,
20.9190

■ 71.7700, 48.8230,
34.7990

■ 108.5180, 22.5090,
16.0850

■ 62.6400, 55.2410,
39.6330

■ 117.6480, 16.0910,
11.2510

■ 53.3960, 61.9800,
44.1560

■ 126.8920, 9.3520,
6.7280

■ 48.1300, 65.7850,
46.7850

■ 136.0220, 2.9340,
1.8940

■ 145.2660, -3.8050,
-2.6290

■ 154.3960,
-10.2230, -7.4630

■ 163.6400,
-16.9620, -11.9860

■ 172.7700,
-23.3800, -16.8200

Harmonies

Analogous

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



91.7640, 13.4290, 26.4610



90.1440, 35.6660, 25.4420



88.6100, 45.6170, 15.8010

Triad

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



90.1440, 35.6660, 25.4420



83.5610, 10.6410, -22.1510



74.3180, -71.4770, -9.6930

Complementary

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



90.1440, 35.6660, 25.4420



113.8560, -35.6660, -25.4420

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.



73.4570, -64.9190, -18.4150



90.1440, 35.6660, 25.4420



78.5280, -20.1230, -26.2910

Square

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



90.1440, 35.6660, 25.4420



86.8520, 32.0510, -13.6850



70.1510, -55.6100, -27.4340



73.1320, -70.6530, -2.5970

Rectangle

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



90.1440, 35.6660, 25.4420



88.4000, 45.8480, 6.1040



70.1510, -55.6100, -27.4340



74.8080, -70.1010, -12.6050

Sweetspot

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



90.1440, 35.6660, 25.4420



162.0390, 13.4320, 9.8800



86.4180, 3.0200, 33.3880



80.1800, 8.4810, 5.9930



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.



90.1440, 35.6660, 25.4420



103.6400, 55.2410, 39.6330



91.4200, 43.0960, 11.9280



64.4350, 3.2090, 2.4170



45.6950, 62.5760, 44.3680



1.7230, 2.3380, 1.6820

Inverse Universe

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



90.1440, 35.6660, 25.4420



103.6400, 55.2410, 39.6330



112.5800, -43.0960, -11.9280



64.4350, 3.2090, 2.4170



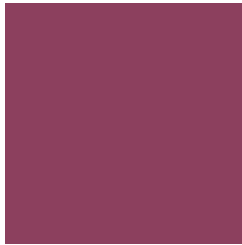
45.6950, 62.5760, 44.3680



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 90.1440, 35.6660, 25.4420 looks on a white background.

Color Contrast Check

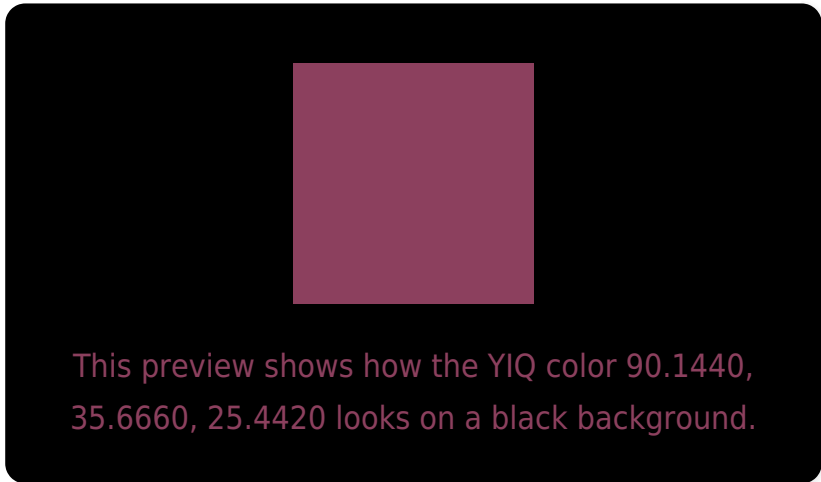
Large Text (above 18pt) WCAG AA ✓ Pass

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

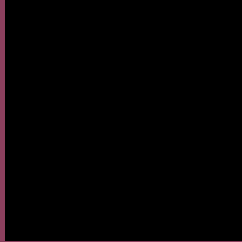
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.1440, 35.6660, 25.4420

Background



This preview shows how black text looks on a background with the YIQ color 90.1440, 35.6660, 25.4420.



This preview shows how white text looks on a background with the YIQ color 90.1440, 35.6660,

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

90.1440, 35.6660, 25.4420

Protanopia

90.1980, -9.1250, 5.6830

Deuteranopia

90.6310, 5.5930, 3.2650



Tritanopia

89.5000, 40.1150, 16.3950

Trichromacy



Original Color

90.1440, 35.6660, 25.4420

Protanomaly

90.2110, 7.1960, 12.7640

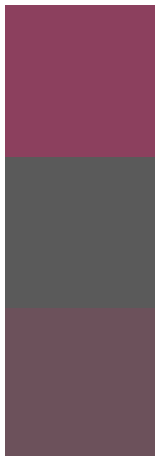
Deuteranomaly

90.5340, 16.4120, 10.9400

Tritanomaly

90.1240, 38.4180, 19.6180

Monochromacy



Original Color

90.1440, 35.6660, 25.4420

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.2130, 12.8820, 8.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.1440, 35.6660, 25.4420 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, 64, 94)` looks like.

```
.text, #text, p{  
    color:rgb(140, 64, 94)  
}
```

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, 64, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 64, 94) }
```

Border

The CSS property to change the border of an element to YIQ 90.1440, 35.6660, 25.4420 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, 64, 94) }
```


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

```
.border{ border-color:rgb(140, 64, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 64, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 64, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 64, 94);  
box-shadow:4px 4px 4px 4px rgb(140, 64,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 90.1440, 35.6660, 25.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 64, 94) }
```

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

```
.background{ background-color: rgb(140, 64,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor