

Converting Colors

YIQ(79.3750, 65.3320, 16.4360)

Have a look what the booklet for
YIQ(79.3750, 65.3320, 16.4360)
contains.

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Color

**YIQ(79.3750, 65.3320,
16.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	983323
RGB	152, 51, 35
RGB Percent	60%, 20%, 14%
CMY	0.4037, 0.8001, 0.8625
CMYK	0.00, 0.66, 0.77, 0.40
HSL	8°, 63%, 37%
HSV	8°, 77%, 60%
XYZ	14.4463, 9.1668, 2.6035
YIQ	79.3750, 65.3320, 16.4360

Conversions

Conversions Part 2

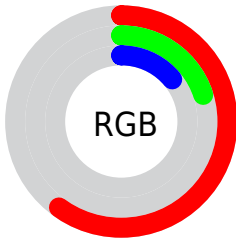
Format	Color
R_{YB}	152, 54, 35
Decimal	9974563
CIE _{Lab}	36.30, 41.39, 32.56
CIE _{LCh}	36, 52.661, 38.192
Yxy	9.1668, 0.5510, 0.3497
Android (android.graphics.Color)	4288164643 (0xFF983323)
YUV	79.3750, -21.8769, 63.6921
Hunter-Lab	30.2767, 32.1856, 16.0954

Details

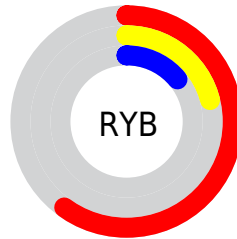
The YIQ color **79.3750, 65.3320, 16.4360** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **107.6250, -65.3320, -16.4360**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **133.0830, 72.0260, 16.2660**, and **28.1060, 56.0240, 19.9280** is the 20% darker color. If you saturate the color by 10%, you get **70.0340, 73.7220, 18.5700**, and if you desaturate by 10%, it is **88.7160, 56.9420, 14.3020**.

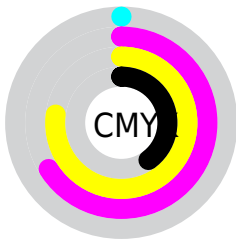
Distribution



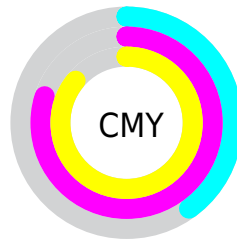
- Red (60%)
- Green (20%)
- Blue (14%)



- Red (60%)
- Yellow (21%)
- Blue (14%)



- Cyan (0%)
- Magenta (66%)
- Yellow (77%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.3750, 65.3320, 16.4360 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 79.3750, 65.3320, 16.4360 by changing the saturation by 10% instead.

■ 79.3750, 65.3320,
16.4360

■ 79.3750, 65.3320,
16.4360

255.0000, -0.0000,
-0.0000

■ 51.8740, 62.4890,
18.4010

■ 133.0830, 72.0260,
16.2660

■ 28.1060, 56.0240,
19.9280

■ 160.3500, 75.6480,
16.7040

■ 19.4350, 38.7400,
13.7800

■ 182.6370, 67.3500,
12.9020

■ 11.7750, 22.9230,
8.5790

■ 202.1510, 50.9830,
6.6550

■ 0.0000, 0.0000,
0.0000

■ 221.6650, 34.6160,
0.4080

■ 241.7660, 17.9740,

-6.3620

253.2900, 4.8150,
-4.6650

79.3750, 65.3320,
16.4360

79.3750, 65.3320,
16.4360

70.0340, 73.7220,
18.5700

88.7160, 56.9420,
14.3020

60.6930, 82.1120,
20.7040

98.0570, 48.5520,
12.1680

57.7750, 84.8170,
21.2410

107.5120, 39.8410,
10.3450

117.4400, 31.1760,
7.6880

126.7810, 22.7860,
5.5540

■ 136.1220, 14.3960,
3.4200

■ 145.5770, 5.6850,
1.5970

■ 154.9180, -2.7050,
-0.5370

■ 164.2590,
-11.0950, -2.6710

Harmonies

Analogous

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



77.3370, 60.4680, 38.5160



79.3750, 65.3320, 16.4360



80.5360, 56.4880, -10.5200

Triad

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



79.3750, 65.3320, 16.4360



65.8020, -44.7420, -37.1740



70.4490, -78.4950, 7.3690

Complementary

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



79.3750, 65.3320, 16.4360



107.6250, -65.3320, -16.4360

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.



76.2220, -79.5940, -0.2500



79.3750, 65.3320, 16.4360



71.9920, -59.4160, -24.5360

Square

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



79.3750, 65.3320, 16.4360



71.3340, 0.3740, -39.8340



76.0790, -72.3020, -11.2620



87.1440, -7.8920, 32.9080

Rectangle

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



79.3750, 65.3320, 16.4360



80.4150, 40.3510, -20.9370



76.0790, -72.3020, -11.2620



73.4980, -80.1910, 5.0650

Sweetspot

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



79.3750, 65.3320, 16.4360



170.2760, 25.7660, 6.6140



81.4970, 37.3110, 56.2150



81.8340, 15.2670, 4.1550



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



79.3750, 65.3320, 16.4360



85.3920, 102.1930, 25.7210



113.4210, 49.3820, -13.8980



71.9790, 4.4930, 1.1730



53.0130, 78.2150, 19.7430



5.0610, 7.1980, 1.7100

Inverse Universe

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



107.6250, -65.3320, -16.4360



129.6080, -102.1930, -25.7210



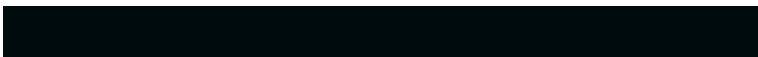
73.5790, -49.3820, 13.8980



73.4340, -4.2180, -0.6500



86.9870, -78.2150, -19.7430



7.9390, -7.1980, -1.7100

Previews

White Background



This preview shows how the YIQ color 79.3750, 65.3320, 16.4360 looks on a white background.

Color Contrast Check

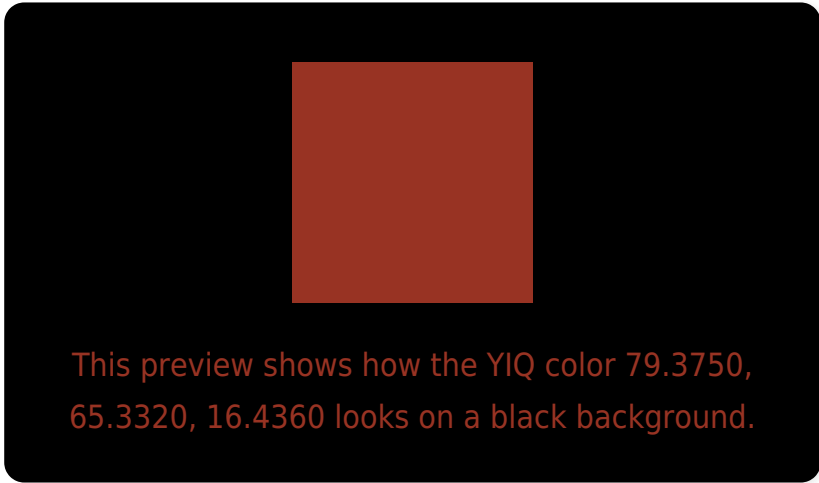
Large Text (above 18pt) WCAG AA ✓ Pass

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

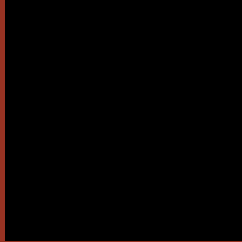
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.3750, 65.3320, 16.4360

Background



This preview shows how black text looks on a background with the YIQ color 79.3750, 65.3320, 16.4360.

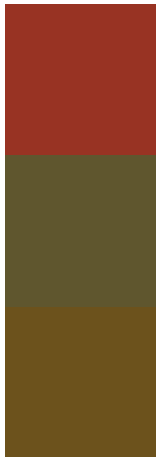


This preview shows how white text looks on a background with the YIQ color 79.3750, 65.3320,

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

79.3750, 65.3320, 16.4360

Protanopia

84.1310, 18.2040, -10.5320

Deuteranopia

83.6180, 32.8300, -11.2820



Tritanopia

80.3240, 61.3420, 22.6700

Trichromacy



Original Color

79.3750, 65.3320, 16.4360

Protanomaly

82.3230, 35.5790, -0.5250

Deuteranomaly

82.2870, 44.4280, -1.2040

Tritanomaly

80.2270, 62.9930, 20.2810

Monochromacy



Original Color

79.3750, 65.3320, 16.4360

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.3790, 23.9780, 5.9780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.3750, 65.3320, 16.4360 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(152, 51, 35)` looks like.

```
.text, #text, p{  
    color:rgb(152, 51, 35)  
}
```

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(152, 51, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 51, 35) }
```

Border

The CSS property to change the border of an element to YIQ 79.3750, 65.3320, 16.4360 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(152, 51, 35) }
```


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

```
.border{ border-color:rgb(152, 51, 35) }
```

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

Here you see how a box with a 4 pixel rgb(152, 51, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 51, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 51, 35);  
box-shadow:4px 4px 4px 4px rgb(152, 51,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 79.3750, 65.3320, 16.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 51, 35) }
```

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

```
.background{ background-color: rgb(152, 51,  
35) }
```

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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