

Converting Colors

YIQ(63.6760, 72.7550, 41.6110)

Have a look what the booklet for
YIQ(63.6760, 72.7550, 41.6110)
contains.

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Color

**YIQ(63.6760, 72.7550,
41.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	9F1136
RGB	159, 17, 54
RGB Percent	62%, 7%, 21%
CMY	0.3761, 0.9335, 0.7880
CMYK	0.00, 0.89, 0.66, 0.38
HSL	344°, 81%, 35%
HSV	344°, 89%, 62%
XYZ	15.1833, 8.0464, 4.2511
YIQ	63.6760, 72.7550, 41.6110

Conversions

Conversions Part 2

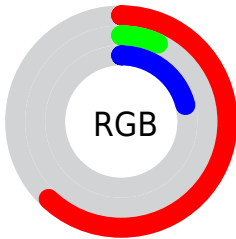
Format	Color
R_{YB}	159, 17, 54
Decimal	10424630
CIE _{Lab}	34.08, 55.44, 18.49
CIE _{LCh}	34, 58.442, 18.449
Yxy	8.0464, 0.5525, 0.2928
Android (android.graphics.Color)	4288614710 (0xFF9F1136)
YUV	63.6760, -4.7703, 83.5991
Hunter-Lab	28.3661, 45.9034, 10.9708

Details

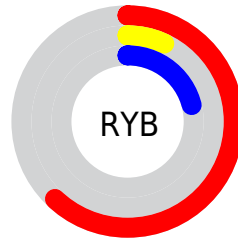
The YIQ color **63.6760, 72.7550, 41.6110** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **112.3240, -72.7550, -41.6110**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.7270, 76.7450, 35.3770**, and **31.1540, 56.0690, 24.6210** is the 20% darker color. If you saturate the color by 10%, you get **52.9160, 81.0070, 46.2470**, and if you desaturate by 10%, it is **74.4360, 64.5030, 36.9750**.

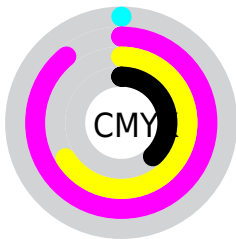
Distribution



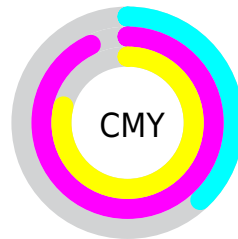
- Red (62%)
- Green (7%)
- Blue (21%)



- Red (62%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (89%)
- Yellow (66%)
- Black (38%)





- Cyan (38%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 63.6760, 72.7550, 41.6110 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 63.6760, 72.7550, 41.6110 by changing the saturation by 10% instead.


 63.6760, 72.7550,
41.6110


 63.6760, 72.7550,
41.6110


255.0000, -0.0000,
-0.0000


 42.3330, 66.2910,
37.6110


 124.7270, 76.7450,
35.3770


 31.1540, 56.0690,
24.6210

 153.2820, 79.4960,
35.0800


 21.3430, 41.9950,
15.3630

 173.8780, 65.8340,
29.3700

 12.9710, 25.3070,
9.4270

 193.3920, 49.4670,
23.1230

 0.0000, 0.0000,
0.0000

 212.9060, 33.1000,
16.8760

 233.1210, 16.1370,

10.4170

253.2390, 0.8250,
1.5690

63.6760, 72.7550,
41.6110

63.6760, 72.7550,
41.6110

52.9160, 81.0070,
46.2470

74.4360, 64.5030,
36.9750

52.3290, 81.2820,
46.7700

85.1960, 56.2510,
32.3390

95.8420, 48.3200,
27.3920

106.6020, 40.0680,
22.7560

117.3620, 31.8160,
18.1200

■ 127.5350, 23.8390,
14.0070

■ 138.1810, 15.9080,
9.0600

■ 148.9410, 7.6560,
4.4240

■ 159.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



67.4140, 53.5420, 53.9100



63.6760, 72.7550, 41.6110



71.9160, 70.6980, 7.2900

Triad

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



63.6760, 72.7550, 41.6110



56.2210, -27.4090, -48.4410



73.0250, -80.2370, 5.8990

Complementary

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



63.6760, 72.7550, 41.6110



112.3240, -72.7550, -41.6110

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.



74.5120, -74.7790, -4.9150



63.6760, 72.7550, 41.6110



64.9530, -46.4850, -33.1170

Square

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



63.6760, 72.7550, 41.6110



72.5970, 18.9870, -30.2370



71.0120, -62.1680, -18.7120



63.8780, -75.1490, 12.8110

Rectangle

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



63.6760, 72.7550, 41.6110



75.5300, 56.6250, -7.4950



71.0120, -62.1680, -18.7120



74.2160, -79.4570, 2.7750

Sweetspot

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



63.6760, 72.7550, 41.6110



169.3400, 28.8820, 16.2260



64.2840, 16.4020, 66.2100



82.1920, 17.3750, 10.0070



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



63.6760, 72.7550, 41.6110



68.0490, 106.0380, 60.6780



78.8290, 75.5570, 12.8450



73.6200, 4.1260, 2.3180



46.9750, 73.3510, 41.8230



4.9410, 7.6560, 4.4240

Inverse Universe

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



63.6760, 72.7550, 41.6110



68.0490, 106.0380, 60.6780



97.1710, -75.5570, -12.8450



73.6200, 4.1260, 2.3180



46.9750, 73.3510, 41.8230



4.9410, 7.6560, 4.4240

Previews

White Background



This preview shows how the YIQ color 63.6760, 72.7550, 41.6110 looks on a white background.

Color Contrast Check

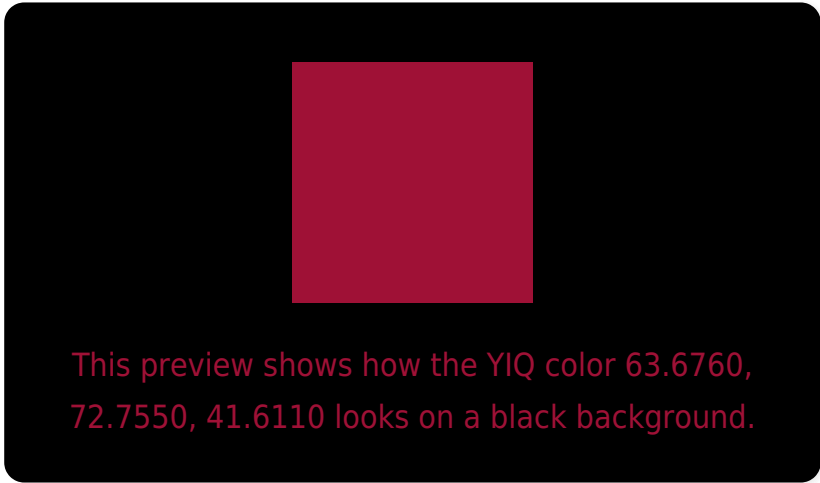
Large Text (above 18pt) WCAG AA ✓ Pass

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

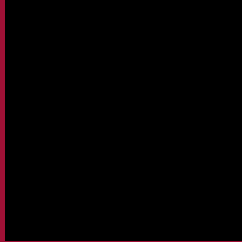
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.6760, 72.7550, 41.6110

Background



This preview shows how black text looks on a background with the YIQ color 63.6760, 72.7550, 41.6110.



This preview shows how white text looks on a background with the YIQ color 63.6760, 72.7550,

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

63.6760, 72.7550, 41.6110

Protanopia

82.4410, 3.0720, -0.6080

Deuteranopia

81.0440, 23.0630, -4.9770



Tritanopia

65.3540, 78.9930, 27.6730

Trichromacy



Original Color

63.6760, 72.7550, 41.6110

Protanomaly

75.4000, 28.6530, 14.8690

Deuteranomaly

74.7510, 40.6660, 11.9140

Tritanomaly

64.8470, 76.2870, 32.6630

Monochromacy



Original Color

63.6760, 72.7550, 41.6110

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.0300, 26.8190, 15.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.6760, 72.7550, 41.6110 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(159, 17, 54)` looks like.

```
.text, #text, p{  
    color:rgb(159, 17, 54)  
}
```

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(159, 17, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 17, 54) }
```

Border

The CSS property to change the border of an element to YIQ 63.6760, 72.7550, 41.6110 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(159, 17, 54) }
```


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

```
.border{ border-color:rgb(159, 17, 54) }
```

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

Here you see how a box with a 4 pixel rgb(159, 17, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 17, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 17, 54);  
box-shadow:4px 4px 4px 4px rgb(159, 17,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 63.6760, 72.7550, 41.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 17, 54) }
```

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

```
.background{ background-color: rgb(159, 17,  
54) }
```

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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