

Converting Colors

YIQ(95.7030, 15.3990, 34.8150)

Have a look what the booklet for
YIQ(95.7030, 15.3990, 34.8150)
contains.

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Color

**YIQ(95.7030, 15.3990,
34.8150)**

Conversions

Conversions Part 1

Format	Color
Hex	84458A
RGB	132, 69, 138
RGB Percent	52%, 27%, 54%
CMY	0.4822, 0.7295, 0.4588
CMYK	0.04, 0.50, 0.00, 0.46
HSL	295°, 33%, 41%
HSV	295°, 50%, 54%
XYZ	16.2375, 10.9975, 25.3124
YIQ	95.7030, 15.3990, 34.8150

Conversions

Conversions Part 2

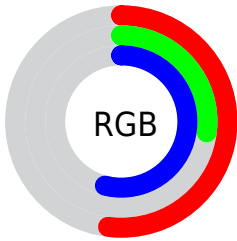
Format	Color
R_{YB}	132, 69, 138
Decimal	8668554
CIE _{Lab}	39.58, 37.88, -27.15
CIE _{LCh}	40, 46.611, 324.367
Yxy	10.9975, 0.3090, 0.2093
Android (android.graphics.Color)	4286858634 (0xFF84458A)
YUV	95.7030, 20.8524, 31.8325
Hunter-Lab	33.1625, 29.3652, -22.0413

Details

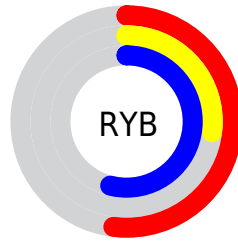
The YIQ color $95.7030, 15.3990, 34.8150$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $111.2970, -15.3990, -34.8150$, and the grayscale version is $95.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $148.2410, 16.8200, 36.5960$, and $45.1050, 14.2070, 34.3910$ is the 20% darker color. If you saturate the color by 10%, you get $87.1860, 18.6530, 41.9250$, and if you desaturate by 10%, it is $104.2200, 12.1450, 27.7050$.

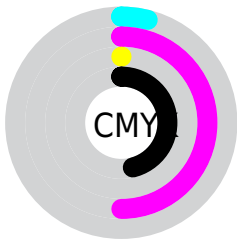
Distribution



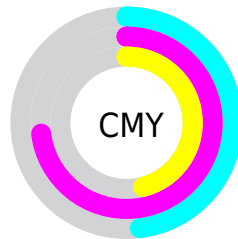
- Red (52%)
- Green (27%)
- Blue (54%)



- Red (52%)
- Yellow (27%)
- Blue (54%)



- Cyan (4%)
- Magenta (50%)
- Yellow (0%)
- Black (46%)



- Cyan (48%)
- Magenta (73%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.7030, 15.3990, 34.8150 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 95.7030, 15.3990, 34.8150 by changing the saturation by 10% instead.

■ 95.7030, 15.3990,
34.8150

■ 95.7030, 15.3990,
34.8150

■ 255.0000, -0.0000,
-0.0000

■ 70.2900, 15.1240,
34.2920

■ 148.2410, 16.8200,
36.5960

■ 45.1050, 14.2070,
34.3910

■ 175.0670, 17.3700,
37.6420

■ 24.0400, 12.8320,
31.7760

■ 202.7790, 18.2410,
38.3770

■ 15.5520, 7.9740,
20.6940

■ 223.3020, 14.8500,
28.2420

■ 2.8670, -6.6950,
5.6970

■ 239.7380, 7.1500,
13.5980

■ 0.0000, 0.0000,
0.0000

95.7030, 15.3990,
34.8150

95.7030, 15.3990,
34.8150

87.1860, 18.6530,
41.9250

104.2200, 12.1450,
27.7050

78.6690, 21.9070,
49.0350

112.7370, 8.8910,
20.5950

70.4400, 24.2900,
55.4100

120.9660, 6.5080,
14.2200

61.9230, 27.5440,
62.5200

129.4830, 3.2540,
7.1100

53.4060, 30.7980,
69.6300

138.0000, -0.0000,
-0.0000

146.5170, -3.2540,
-7.1100

155.0340, -6.5080,
-14.2200

163.2630, -8.8910,

-20.5950

■ 171.7800,
-12.1450, -27.7050

Harmonies

Analogous

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



92.6850, -28.8890, 22.4630



95.7030, 15.3990, 34.8150



91.4430, 45.4300, 35.7180

Triad

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



95.7030, 15.3990, 34.8150



87.9810, 44.5690, -20.2870



79.2930, -70.3290, -19.4890

Complementary

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



95.7030, 15.3990, 34.8150



111.2970, -15.3990, -34.8150

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.



74.8470, -57.8100, -31.6180



95.7030, 15.3990, 34.8150



84.7000, 17.1990, -30.8730

Square

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



95.7030, 15.3990, 34.8150



90.3270, 56.1190, 1.6790



76.1260, -28.0990, -35.9310



81.0660, -79.4550, -8.2790

Rectangle

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



95.7030, 15.3990, 34.8150



90.0880, 56.4350, 29.0030



76.1260, -28.0990, -35.9310



77.8110, -66.1560, -23.5320

Sweetspot

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



95.7030, 15.3990, 34.8150



162.2540, 5.6370, 13.4850



80.9750, -24.0740, 17.7980



79.3090, 3.8040, 8.1560



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



95.7030, 15.3990, 34.8150



112.6140, 23.7400, 54.3640



94.3050, 27.9630, 27.3790



64.5920, 1.3290, 3.4490



51.3410, 29.4230, 67.0150



2.0650, 1.3750, 2.6150

Inverse Universe

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



90.3150, 39.1980, 16.4940



104.4320, 61.1580, 26.0060



112.6950, -27.9630, -27.3790



64.2070, 3.8510, 1.7950



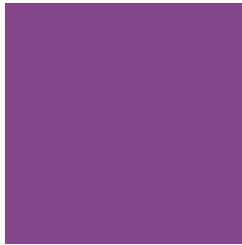
41.0210, 75.7370, 31.6170



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 95.7030, 15.3990, 34.8150 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



This preview shows how the YIQ color 95.7030, 15.3990, 34.8150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

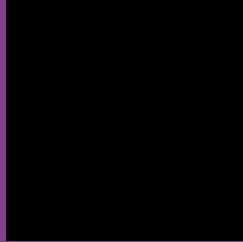
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.7030, 15.3990, 34.8150

Background



This preview shows how black text looks on a background with the YIQ color 95.7030, 15.3990, 34.8150.

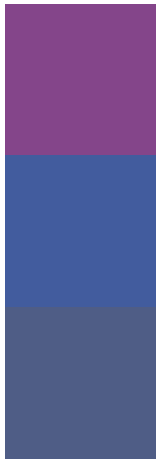


This preview shows how white text looks on a background with the YIQ color 95.7030, 15.3990,

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

95.7030, 15.3990, 34.8150

Protanopia

91.7500, -36.6820, 15.0140

Deuteranopia

93.4880, -21.5050, 9.7830



Tritanopia

94.8400, 24.2980, 11.1940

Trichromacy



Original Color

95.7030, 15.3990, 34.8150

Protanomaly

93.4320, -17.9310, 22.1090

Deuteranomaly

94.0000, -8.0270, 18.8290

Tritanomaly

95.5550, 21.0870, 19.8310

Monochromacy



Original Color

95.7030, 15.3990, 34.8150

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.7270, 5.6830, 12.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.7030, 15.3990, 34.8150 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(132, 69, 138)` looks like.

```
.text, #text, p{  
    color:rgb(132, 69, 138)  
}
```

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(132, 69, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 69, 138) }
```

Border

The CSS property to change the border of an element to YIQ 95.7030, 15.3990, 34.8150 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(132, 69, 138) }
```


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

```
.border{ border-color:rgb(132, 69, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 69, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 69, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 69, 138); box-shadow:4px 4px 4px 4px rgb(132, 69, 138) }
```

Background

The CSS property to change the background color of an element to YIQ 95.7030, 15.3990, 34.8150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 69, 138) }
```

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

```
.background{ background-color: rgb(132, 69,  
138) }
```

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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