

Converting Colors

YIQ(94.5350, 15.8120, 32.8360)

Have a look what the booklet for
YIQ(94.5350, 15.8120, 32.8360)
contains.

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Color

**YIQ(94.5350, 15.8120,
32.8360)**

Conversions

Conversions Part 1

Format	Color
Hex	824585
RGB	130, 69, 133
RGB Percent	51%, 27%, 52%
CMY	0.4900, 0.7295, 0.4784
CMYK	0.02, 0.48, 0.00, 0.48
HSL	297°, 32%, 40%
HSV	297°, 48%, 52%
XYZ	15.5736, 10.6962, 23.4353
YIQ	94.5350, 15.8120, 32.8360

Conversions

Conversions Part 2

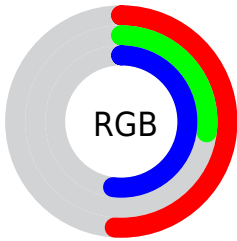
Format	Color
R_{YB}	130, 69, 133
Decimal	8537477
CIE _{Lab}	39.06, 36.26, -24.92
CIE _{LCh}	39, 43.996, 325.499
Yxy	10.6962, 0.3133, 0.2152
Android (android.graphics.Color)	4286727557 (0xFF824585)
YUV	94.5350, 18.9632, 31.1028
Hunter-Lab	32.7051, 27.7647, -19.5915

Details

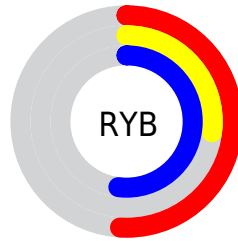
The YIQ color **94.5350, 15.8120, 32.8360** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.4650, -15.8120, -32.8360**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0730, 17.2330, 34.6170**, and **44.8230, 14.9410, 32.1010** is the 20% darker color. If you saturate the color by 10%, you get **86.6050, 18.7910, 39.4230**, and if you desaturate by 10%, it is **102.4650, 12.8330, 26.2490**.

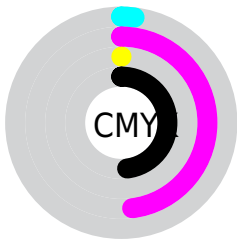
Distribution



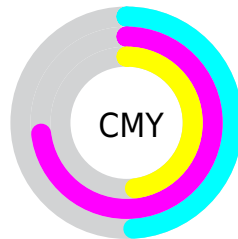
- Red (51%)
- Green (27%)
- Blue (52%)



- Red (51%)
- Yellow (27%)
- Blue (52%)



- Cyan (2%)
- Magenta (48%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (73%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.5350, 15.8120, 32.8360 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 94.5350, 15.8120, 32.8360 by changing the saturation by 10% instead.

■ 94.5350, 15.8120,
32.8360

■ 94.5350, 15.8120,
32.8360

■ 255.0000, -0.0000,
-0.0000

■ 69.8230, 14.9410,
32.1010

■ 146.0730, 17.2330,
34.6170

■ 44.8230, 14.9410,
32.1010

■ 173.7850, 18.1040,
35.3520

■ 22.9860, 12.9240,
30.1080

■ 201.3120, 18.0580,
36.1860

■ 14.7970, 8.6620,
19.2380

■ 223.3020, 14.8500,
28.2420

■ 2.1830, -4.7690,
3.8310

■ 239.7380, 7.1500,
13.5980

■ 0.0000, 0.0000,
0.0000

94.5350, 15.8120,
32.8360

94.5350, 15.8120,
32.8360

86.6050, 18.7910,
39.4230

102.4650, 12.8330,
26.2490

78.3870, 22.6410,
46.7450

110.6830, 8.9830,
18.9270

70.4570, 25.6200,
53.3320

118.6130, 6.0040,
12.3400

62.8260, 29.1950,
60.1310

126.5430, 3.0250,
5.7530

54.3090, 32.4490,
67.2410

134.1740, -0.5500,
-1.0460


53.1350, 32.9990,
68.2870

142.6910, -3.8040,
-8.1560

150.3220, -7.3790,
-14.9550

158.2520,

-10.3580, -21.5420

 166.7690,
-13.6120, -28.6520

Harmonies

Analogous

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



92.3110, -24.9000, 21.7560



94.5350, 15.8120, 32.8360



91.0790, 43.4590, 32.8910

Triad

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



94.5350, 15.8120, 32.8360



87.2950, 40.8090, -18.2230



77.8910, -69.1370, -19.0650

Complementary

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



94.5350, 15.8120, 32.8360



107.4650, -15.8120, -32.8360

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.



73.6730, -57.2600, -30.5720



94.5350, 15.8120, 32.8360



84.3130, 14.0350, -28.5970

Square

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



94.5350, 15.8120, 32.8360



89.3590, 53.0930, 1.4530



76.1910, -26.7240, -33.3160



79.3220, -77.3000, -8.7880

Rectangle

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



94.5350, 15.8120, 32.8360



89.5390, 53.5470, 26.2750



76.1910, -26.7240, -33.3160



76.5230, -65.2850, -22.7970

Sweetspot

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



94.5350, 15.8120, 32.8360



158.6130, 6.0040, 12.3400



78.0570, -21.3690, 18.3350



77.8960, 3.5290, 7.6330



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



94.5350, 15.8120, 32.8360



113.1040, 25.1160, 51.4520



92.1260, 26.9090, 24.4530



62.4780, 1.6500, 3.1380



51.8960, 32.1740, 66.7180



0.9400, 0.2290, 1.3570

Inverse Universe

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



88.4780, 37.1810, 14.5010



103.3560, 58.3160, 22.4440



109.8740, -26.9090, -24.4530



61.7940, 3.5760, 1.2720



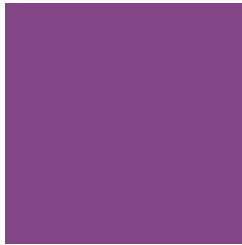
39.5540, 75.5540, 29.4260



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 94.5350, 15.8120, 32.8360 looks on a white background.

Color Contrast Check

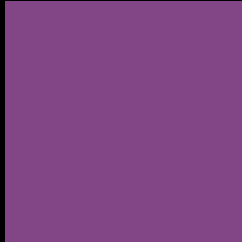
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.5350, 15.8120, 32.8360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

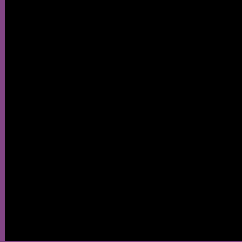
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.5350, 15.8120, 32.8360

Background



This preview shows how black text looks on a background with the YIQ color 94.5350, 15.8120, 32.8360.



This preview shows how white text looks on a background with the YIQ color 94.5350, 15.8120,

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

94.5350, 15.8120, 32.8360

Protanopia

90.9630, -32.9680, 13.7840

Deuteranopia

92.0430, -18.7540, 9.4860



Tritanopia

93.8400, 24.2980, 11.1940

Trichromacy



Original Color

94.5350, 15.8120, 32.8360

Protanomaly

92.3460, -14.8130, 20.6670

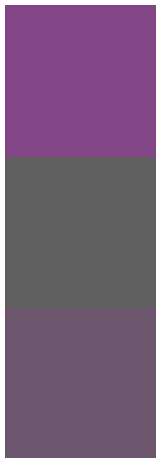
Deuteranomaly

92.8430, -6.1470, 17.7970

Tritanomaly

94.0280, 21.1330, 18.9970

Monochromacy



Original Color

94.5350, 15.8120, 32.8360

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.2000, 5.7290, 11.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.5350, 15.8120, 32.8360 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(130, 69, 133)` looks like.

```
.text, #text, p{  
    color:rgb(130, 69, 133)  
}
```

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(130, 69, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 69, 133) }
```

Border

The CSS property to change the border of an element to YIQ 94.5350, 15.8120, 32.8360 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(130, 69, 133) }
```


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

```
.border{ border-color:rgb(130, 69, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 69, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 69, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 69, 133);  
box-shadow:4px 4px 4px 4px rgb(130, 69,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 94.5350, 15.8120, 32.8360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 69, 133) }
```

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

```
.background{ background-color: rgb(130, 69,  
133) }
```

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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