

Converting Colors

YIQ(95.3930, 13.3360, 33.6560)

Have a look what the booklet for
YIQ(95.3930, 13.3360, 33.6560)
contains.

YIQ(95.3930, 13.3360, 33.6560)	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(95.3930, 13.3360,
33.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	81468A
RGB	129, 70, 138
RGB Percent	51%, 27%, 54%
CMY	0.4939, 0.7256, 0.4588
CMYK	0.06, 0.49, 0.00, 0.46
HSL	292°, 33%, 41%
HSV	292°, 49%, 54%
XYZ	15.8364, 10.8830, 25.3107
YIQ	95.3930, 13.3360, 33.6560

Conversions

Conversions Part 2

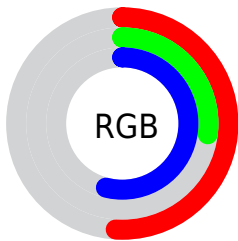
Format	Color
R_{YB}	129, 70, 138
Decimal	8472202
CIE _{Lab}	39.38, 36.41, -27.49
CIE _{LCh}	39, 45.623, 322.954
Yxy	10.8830, 0.3044, 0.2092
Android (android.graphics.Color)	4286662282 (0xFF81468A)
YUV	95.3930, 21.0053, 29.4733
Hunter-Lab	32.9894, 27.9567, -22.3970

Details

The YIQ color **95.3930, 13.3360, 33.6560** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **112.6070, -13.3360, -33.6560**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.0450, 14.4360, 35.7480**, and **45.6810, 12.4650, 32.9210** is the 20% darker color. If you saturate the color by 10%, you get **86.5770, 15.9940, 40.5540**, and if you desaturate by 10%, it is **104.2090, 10.6780, 26.7580**.

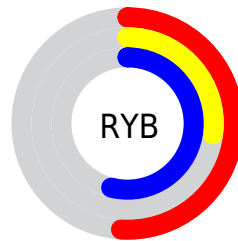
Distribution



Red (51%)

Green (27%)

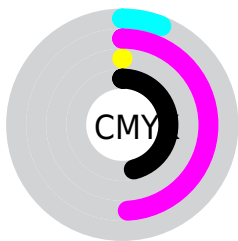
Blue (54%)



Red (51%)

Yellow (27%)

Blue (54%)

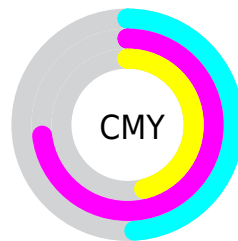


Cyan (6%)

Magenta (49%)

Yellow (0%)

Black (46%)



Cyan (49%)

Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.3930, 13.3360, 33.6560 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 95.3930, 13.3360, 33.6560 by changing the saturation by 10% instead.

■ 95.3930, 13.3360,
33.6560

■ 95.3930, 13.3360,
33.6560

■ 255.0000, -0.0000,
-0.0000

■ 70.5670, 12.7860,
32.6100

■ 147.0450, 14.4360,
35.7480

■ 45.6810, 12.4650,
32.9210

■ 174.7570, 15.3070,
36.4830

■ 23.1430, 11.0440,
31.1400

■ 202.1700, 15.5820,
37.0060

■ 14.9540, 6.7820,
20.2700

■ 223.8890, 14.5750,
27.7190

■ 2.8670, -6.6950,
5.6970

■ 240.3250, 6.8750,
13.0750

■ 0.0000, 0.0000,
0.0000

95.3930, 13.3360,
33.6560

95.3930, 13.3360,
33.6560

86.5770, 15.9940,
40.5540

104.2090, 10.6780,
26.7580

77.7610, 18.6520,
47.4520

113.0250, 8.0200,
19.8600

69.8310, 21.6310,
54.0390

120.9550, 5.0410,
13.2730

61.0150, 24.2890,
60.9370

129.7710, 2.3830,
6.3750

52.1990, 26.9470,
67.8350

138.5870, -0.2750,
-0.5230

51.6120, 27.2220,
68.3580

147.4030, -2.9330,
-7.4210

156.2190, -5.5910,
-14.3190

164.4480, -7.9740,

-20.6940

■ 172.9650,
-11.2280, -27.8040

Harmonies

Analogous

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



92.2610, -30.6310, 20.9930



95.3930, 13.3360, 33.6560



91.5460, 43.6420, 35.0820

Triad

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



95.3930, 13.3360, 33.6560



88.0350, 44.4770, -18.6190



78.3640, -69.0910, -19.8990

Complementary

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



95.3930, 13.3360, 33.6560



112.6070, -13.3360, -33.6560

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.



73.9180, -56.5720, -32.0280



95.3930, 13.3360, 33.6560



84.8250, 18.3450, -29.6150

Square

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



95.3930, 13.3360, 33.6560



89.9680, 55.7520, 2.8240



77.2190, -23.9270, -34.4470



80.1370, -78.2170, -8.6890

Rectangle

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



95.3930, 13.3360, 33.6560



90.1910, 54.6470, 28.3670



77.2190, -23.9270, -34.4470



76.8820, -64.9180, -23.9420

Sweetspot

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



95.3930, 13.3360, 33.6560



161.9550, 5.0410, 13.2730



83.0350, -24.3030, 16.4410



79.0100, 3.2080, 7.9440



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.



95.3930, 13.3360, 33.6560



112.5920, 20.8060, 52.4700



95.2340, 26.7250, 27.7890



64.5920, 1.3290, 3.4490



49.5470, 25.8470, 65.7430



1.7660, 0.7790, 2.4030

Inverse Universe

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



91.3580, 37.6390, 17.2150



106.2900, 58.6820, 26.8260



112.7660, -26.7250, -27.7890



64.2070, 3.8510, 1.7950



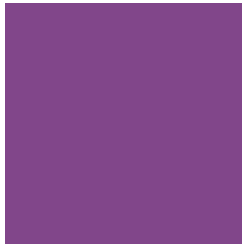
41.7050, 73.8110, 33.4830



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 95.3930, 13.3360, 33.6560 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

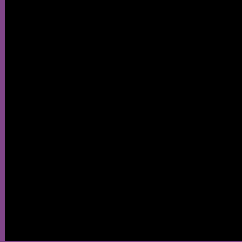
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.3930, 13.3360, 33.6560

Background



This preview shows how black text looks on a background with the YIQ color 95.3930, 13.3360, 33.6560.



This preview shows how white text looks on a background with the YIQ color 95.3930, 13.3360,

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

95.3930, 13.3360, 33.6560

Protanopia

90.9350, -35.7650, 14.9150

Deuteranopia

92.3030, -22.4220, 9.8820



Tritanopia

94.6440, 21.9140, 10.3460

Trichromacy



Original Color

95.3930, 13.3360, 33.6560

Protanomaly

92.3180, -17.6100, 21.7980

Deuteranomaly

93.4020, -9.2190, 18.4050

Tritanomaly

95.2450, 19.0240, 18.6720

Monochromacy



Original Color

95.3930, 13.3360, 33.6560

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1290, 4.4910, 12.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.3930, 13.3360, 33.6560 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(129, 70, 138)` looks like.

```
.text, #text, p{  
    color:rgb(129, 70, 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(129, 70, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 70, 138) }
```

Border

The CSS property to change the border of an element to YIQ 95.3930, 13.3360, 33.6560 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(129, 70, 138) }
```


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

```
.border{ border-color:rgb(129, 70, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 70, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 70, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 70, 138);  
box-shadow:4px 4px 4px 4px rgb(129, 70,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 95.3930, 13.3360, 33.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 70, 138) }
```

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

```
.background{ background-color: rgb(129, 70,  
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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