

Converting Colors

YIQ(95.1000, 3.4350, 20.3550)

Have a look what the booklet for
YIQ(95.1000, 3.4350, 20.3550)
contains.

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Color

**YIQ(95.1000, 3.4350,
20.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	6F517E
RGB	111, 81, 126
RGB Percent	44%, 32%, 49%
CMY	0.5646, 0.6824, 0.5059
CMYK	0.12, 0.36, 0.00, 0.51
HSL	280°, 22%, 41%
HSV	280°, 36%, 49%
XYZ	13.2658, 10.7704, 21.1165
YIQ	95.1000, 3.4350, 20.3550

Conversions

Conversions Part 2

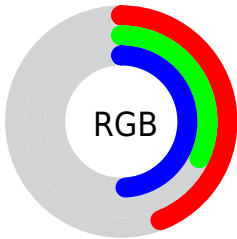
Format	Color
R_{YB}	111, 81, 126
Decimal	7295358
CIE _{Lab}	39.19, 21.47, -20.61
CIE _{LCh}	39, 29.759, 316.167
Yxy	10.7704, 0.2938, 0.2385
Android (android.graphics.Color)	4285485438 (0xFF6F517E)
YUV	95.1000, 15.2337, 13.9443
Hunter-Lab	32.8182, 14.7213, -15.1767




Details

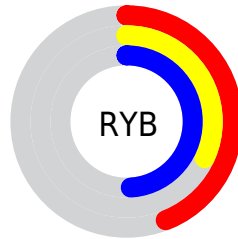
The YIQ color **95.1000, 3.4350, 20.3550** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **111.9000, -3.4350, -20.3550**, and the grayscale version is **95.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **146.0400, 3.6640, 21.7120**, and **47.8610, 2.6100, 18.7860** is the 20% darker color. If you saturate the color by 10%, you get **86.2730, 4.6260, 26.3060**, and if you desaturate by 10%, it is **103.9270, 2.2440, 14.4040**.

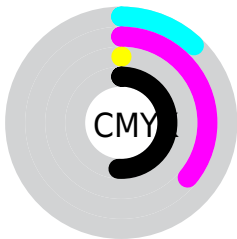
Distribution







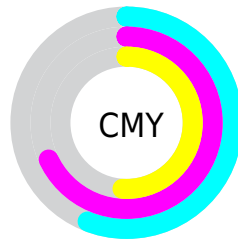
-  Red (44%)
-  Green (32%)
-  Blue (49%)






-  Red (44%)
-  Yellow (32%)
-  Blue (49%)



-  Cyan (12%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (56%)
-  Magenta (68%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.1000, 3.4350, 20.3550 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 95.1000, 3.4350, 20.3550 by changing the saturation by 10% instead.

■ 95.1000, 3.4350,
20.3550

■ 95.1000, 3.4350,
20.3550

■ 255.0000, -0.0000,
-0.0000

■ 71.2740, 2.8850,
19.3090

■ 146.0400, 3.6640,
21.7120

■ 47.8610, 2.6100,
18.7860

■ 172.7520, 4.5350,
22.4470

■ 26.0350, 2.0600,
17.7400

■ 200.2790, 4.4890,
23.2810

■ 10.0410, 1.9230,
14.7150

■ 227.3670, 7.0570,
20.7930

■ 0.5700, -1.6050,
1.5550

■ 246.1950, 4.1250,
7.8450

■ 0.0000, 0.0000,
0.0000

■ 95.1000, 3.4350,
20.3550

■ 95.1000, 3.4350,
20.3550

■ 86.2730, 4.6260,
26.3060

■ 103.9270, 2.2440,
14.4040

■ 78.0330, 5.5420,
31.7340

■ 112.1670, 1.3280,
8.9760

■ 68.9070, 6.1370,
37.4730

■ 121.2930, 0.7330,
3.2370

■ 60.6670, 7.0530,
42.9010

■ 129.5330, -0.1830,
-2.1910

■ 51.8400, 8.2440,
48.8520

■ 138.3600, -1.3740,
-8.1420

■ 43.0130, 9.4350,
54.8030

■ 147.1870, -2.5650,
-14.0930

■ 39.4800, 9.6180,
56.9940

■ 155.4270, -3.4810,
-19.5210

■ 164.5530, -4.0760,

-25.2600

■ 172.7930, -4.9920,
-30.6880

Harmonies

Analogous

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



91.6990, -23.4770, 12.4830



95.1000, 3.4350, 20.3550



94.8760, 24.6170, 21.9370

Triad

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



95.1000, 3.4350, 20.3550



91.1820, 31.3620, -6.7020



73.6050, -62.5800, -22.2600

Complementary

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



95.1000, 3.4350, 20.3550



111.9000, -3.4350, -20.3550

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.



79.1380, -36.4000, -23.1520



95.1000, 3.4350, 20.3550



88.8870, 15.7750, -16.0730

Square

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



95.1000, 3.4350, 20.3550



92.1650, 39.2000, 5.4400



85.9320, -6.4610, -20.5810



74.9390, -69.0920, -14.3720

Rectangle

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



95.1000, 3.4350, 20.3550



93.5580, 34.2000, 18.9680



85.9320, -6.4610, -20.5810



72.6930, -60.0120, -24.7480

Sweetspot

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



95.1000, 3.4350, 20.3550



150.6400, 1.3740, 8.1420



94.9350, -18.5700, 6.1500



74.3470, 0.6410, 4.9050



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



95.1000, 3.4350, 20.3550



115.0330, 5.5420, 31.7340



98.6730, 14.9430, 21.0470



59.2930, 0.7330, 3.2370



40.0070, 9.5720, 57.8280



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.1650, 22.0050, 14.2050



116.5520, 34.3370, 21.9930



108.2130, -14.6220, -21.3580



59.3210, 3.5300, 2.1060



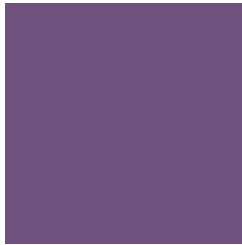
43.0600, 62.8060, 40.1980



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 95.1000, 3.4350, 20.3550 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 95.1000, 3.4350, 20.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

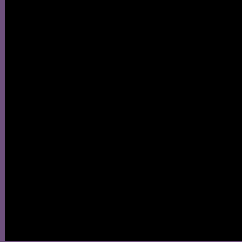
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.1000, 3.4350, 20.3550

Background



This preview shows how black text looks on a background with the YIQ color 95.1000, 3.4350, 20.3550.



This preview shows how white text looks on a background with the YIQ color 95.1000, 3.4350,

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

95.1000, 3.4350, 20.3550

Protanopia

92.3140, -20.9550, 10.8290

Deuteranopia

92.6690, -14.7650, 8.7790



Tritanopia

93.4790, 9.0770, 6.2050

Trichromacy



Original Color

95.1000, 3.4350, 20.3550

Protanomaly

93.2120, -11.7400, 14.5320

Deuteranomaly

93.4250, -8.0260, 13.3020

Tritanomaly

94.2710, 6.9670, 11.4070

Monochromacy



Original Color

95.1000, 3.4350, 20.3550

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1130, 1.4200, 7.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.1000, 3.4350, 20.3550 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(111, 81, 126)` looks like.

```
.text, #text, p{  
    color:rgb(111, 81, 126)  
}
```

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(111, 81, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 81, 126) }
```

Border

The CSS property to change the border of an element to YIQ 95.1000, 3.4350, 20.3550 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(111, 81, 126) }
```


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

```
.border{ border-color:rgb(111, 81, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 81, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 81, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 81, 126);  
box-shadow:4px 4px 4px 4px rgb(111, 81,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 95.1000, 3.4350, 20.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 81, 126) }
```

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

```
.background{ background-color: rgb(111, 81,  
126) }
```

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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