

Converting Colors

YIQ(94.5190, 3.5730, 17.8530)

Have a look what the booklet for
YIQ(94.5190, 3.5730, 17.8530)
contains.

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Color

**YIQ(94.5190, 3.5730,
17.8530)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6D5279 |
| RGB | 109, 82, 121 |
| RGB Percent | 43%, 32%, 47% |
| CMY | 0.5725, 0.6785, 0.5255 |
| CMYK | 0.10, 0.32, 0.00, 0.53 |
| HSL | 282°, 19%, 40% |
| HSV | 282°, 32%, 47% |
| XYZ | 12.7768, 10.6659, 19.4732 |
| YIQ | 94.5190, 3.5730, 17.8530 |

Conversions

Conversions Part 2

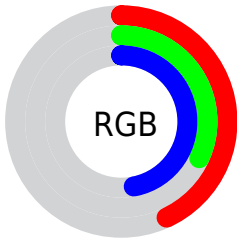
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 109, 82, 121 |
| Decimal | 7164537 |
| CIELab | 39.01, 19.01, -17.83 |
| CIElCh | 39, 26.067, 316.831 |
| Yxy | 10.6659, 0.2977, 0.2485 |
| Android (android.graphics.Color) | 4285354617 (0xFF6D5279) |
| YUV | 94.5190, 13.0551, 12.6998 |
| Hunter-Lab | 32.6587, 12.6806, -12.4913 |

Details

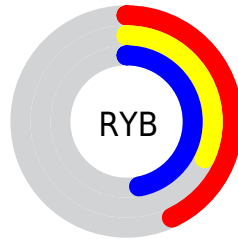
The YIQ color **94.5190, 3.5730, 17.8530** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **108.4810, -3.5730, -17.8530**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3450, 4.1230, 18.8990**, and **48.1660, 3.0690, 15.9730** is the 20% darker color. If you saturate the color by 10%, you get **86.2790, 4.4890, 23.2810**, and if you desaturate by 10%, it is **102.7590, 2.6570, 12.4250**.

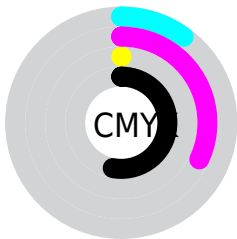
Distribution



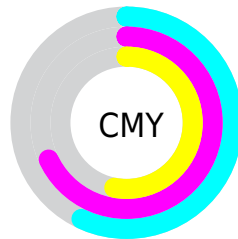
- Red (43%)
- Green (32%)
- Blue (47%)



- Red (43%)
- Yellow (32%)
- Blue (47%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (53%)



- Cyan (57%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.5190, 3.5730, 17.8530 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 94.5190, 3.5730, 17.8530 by changing the saturation by 10% instead.

94.5190, 3.5730,
17.8530

94.5190, 3.5730,
17.8530

255.0000, -0.0000,
-0.0000

70.6930, 3.0230,
16.8070

145.3450, 4.1230,
18.8990

48.1660, 3.0690,
15.9730

171.8720, 4.0770,
19.7330

26.4540, 2.1980,
15.2380

199.2850, 4.3520,
20.2560

8.6880, 1.4190,
12.8350

227.3560, 5.5900,
19.8460

0.0000, 0.0000,
0.0000

246.7820, 3.8500,
7.3220

94.5190, 3.5730,
17.8530

94.5190, 3.5730,
17.8530

86.2790, 4.4890,
23.2810

102.7590, 2.6570,
12.4250

78.3380, 6.0010,
28.9210

110.7000, 1.1450,
6.7850

70.0980, 6.9170,
34.3490

118.9400, 0.2290,
1.3570

61.8580, 7.8330,
39.7770

127.1800, -0.6870,
-4.0710

53.0310, 9.0240,
45.7280

135.4200, -1.6030,
-9.4990

45.0900, 10.5360,
51.3680

143.9480, -3.3900,
-15.6620

38.9100, 11.2230,
55.4390

152.1880, -4.3060,
-21.0900

160.4280, -5.2220,

-26.5180

■ 168.3690, -6.7340,
-32.1580

Harmonies

Analogous

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



91.7980, -19.4420, 10.9420



94.5190, 3.5730, 17.8530



94.2130, 22.0500, 18.8980

Triad

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



94.5190, 3.5730, 17.8530



90.9690, 27.6480, -5.4720



72.2030, -61.3880, -21.8360

Complementary

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



94.5190, 3.5730, 17.8530



108.4810, -3.5730, -17.8530

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.



81.4810, -29.9360, -19.1520



94.5190, 3.5730, 17.8530



88.9840, 14.1240, -13.6840

Square

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



94.5190, 3.5730, 17.8530



92.3000, 34.3860, 4.5780



86.6980, -5.6820, -18.1780



73.1950, -66.9370, -14.8810

Rectangle

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



94.5190, 3.5730, 17.8530



93.5250, 29.7990, 16.1270



86.6980, -5.6820, -18.1780



75.5910, -50.7970, -21.0450

Sweetspot

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



94.5190, 3.5730, 17.8530



147.1130, 1.4200, 7.3080



93.4900, -15.8190, 5.8530



72.8200, 0.6870, 4.0710



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



94.5190, 3.5730, 17.8530



115.9250, 5.7260, 28.3980



97.3090, 12.9720, 18.2200



56.8800, 0.4580, 2.7140



40.2630, 11.7270, 57.3190



81.0530, 23.4080, 115.4720

Inverse Universe

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



95.0290, 19.3920, 12.0000



116.7040, 30.8530, 19.0530



105.6910, -12.9720, -18.2200



57.0220, 2.9340, 1.8940



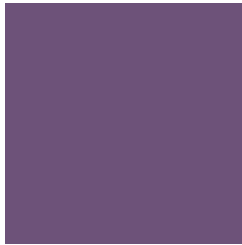
41.7070, 62.3020, 38.3180



84.1260, 125.4750, 77.3710

Previews

White Background



This preview shows how the YIQ color 94.5190, 3.5730, 17.8530 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 94.5190, 3.5730, 17.8530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

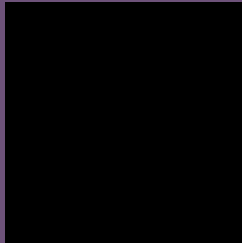
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.5190, 3.5730, 17.8530

Background



This preview shows how black text looks on a background with the YIQ color 94.5190, 3.5730, 17.8530.



This preview shows how white text looks on a background with the YIQ color 94.5190, 3.5730,

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

94.5190, 3.5730, 17.8530

Protanopia

92.2280, -17.8370, 9.3870

Deuteranopia

92.1100, -11.6930, 8.1710



Tritanopia

93.1800, 8.4810, 5.9930

Trichromacy



Original Color

94.5190, 3.5730, 17.8530

Protanomaly

93.1150, -10.0890, 12.1430

Deuteranomaly

92.8550, -6.4210, 11.7470

Tritanomaly

93.4450, 6.4170, 10.3610

Monochromacy



Original Color

94.5190, 3.5730, 17.8530

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.5860, 1.4660, 6.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.5190, 3.5730, 17.8530 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(109, 82, 121)` looks like.

```
.text, #text, p{  
    color:rgb(109, 82, 121)  
}
```

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(109, 82, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 82, 121) }
```

Border

The CSS property to change the border of an element to YIQ 94.5190, 3.5730, 17.8530 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(109, 82, 121) }
```


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

```
.border{ border-color:rgb(109, 82, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 82, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 82, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 82, 121);  
box-shadow:4px 4px 4px 4px rgb(109, 82,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 94.5190, 3.5730, 17.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 82, 121) }
```

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

```
.background{ background-color: rgb(109, 82,  
121) }
```

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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