

Converting Colors

YIQ(94.6570, 11.8720, 16.1280)

Have a look what the booklet for
YIQ(94.6570, 11.8720, 16.1280)
contains.

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Color

**YIQ(94.6570, 11.8720,
16.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	74516D
RGB	116, 81, 109
RGB Percent	45%, 32%, 43%
CMY	0.5450, 0.6824, 0.5725
CMYK	0.00, 0.30, 0.06, 0.54
HSL	312°, 18%, 39%
HSV	312°, 30%, 46%
XYZ	12.9079, 10.7017, 15.8551
YIQ	94.6570, 11.8720, 16.1280

Conversions

Conversions Part 2

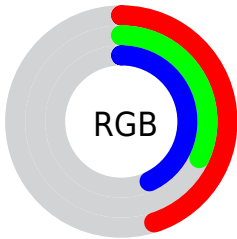
Format	Color
R_{YB}	116, 81, 109
Decimal	7623021
CIE _{Lab}	39.07, 19.62, -10.27
CIE _{LCh}	39, 22.143, 332.379
Yxy	10.7017, 0.3271, 0.2712
Android (android.graphics.Color)	4285813101 (0xFF74516D)
YUV	94.6570, 7.0711, 18.7178
Hunter-Lab	32.7135, 13.1829, -5.8365

Details

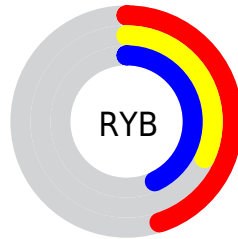
The YIQ color **94.6570, 11.8720, 16.1280** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **102.3430, -11.8720, -16.1280**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.7820, 13.0180, 17.3860**, and **47.5320, 10.7260, 14.8700** is the 20% darker color. If you saturate the color by 10%, you get **87.3850, 15.8140, 21.7820**, and if you desaturate by 10%, it is **101.9290, 7.9300, 10.4740**.

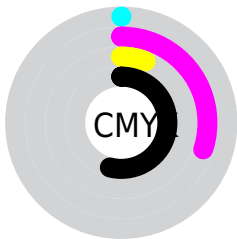
Distribution



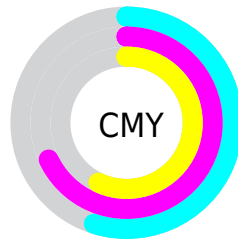
- Red (45%)
- Green (32%)
- Blue (43%)



- Red (45%)
- Yellow (32%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (54%)



- Cyan (55%)
- Magenta (68%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.6570, 11.8720, 16.1280 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 94.6570, 11.8720, 16.1280 by changing the saturation by 10% instead.

■ 94.6570, 11.8720,
16.1280

■ 94.6570, 11.8720,
16.1280

■ 255.0000, -0.0000,
-0.0000

■ 70.9450, 11.0010,
15.3930

■ 145.7820, 13.0180,
17.3860

■ 47.5320, 10.7260,
14.8700

■ 172.1950, 13.2930,
17.9090

■ 25.9340, 9.5340,
14.4460

■ 199.4940, 13.8890,
18.1210

■ 9.3420, 8.2050,
10.9970

■ 227.9070, 14.1640,
18.6440

■ 0.0000, 0.0000,
0.0000

■ 246.1950, 4.1250,
7.8450

94.6570, 11.8720,
16.1280

94.6570, 11.8720,
16.1280

87.3850, 15.8140,
21.7820

101.9290, 7.9300,
10.4740

80.5860, 19.8020,
26.6020

108.7280, 3.9420,
5.6540

73.3140, 23.7440,
32.2560

116.0000, -0.0000,
0.0000

66.6290, 27.4110,
37.3870

122.6850, -3.6670,
-5.1310

59.2430, 31.6740,
42.7300

130.0710, -7.9300,
-10.4740

51.9710, 35.6160,
48.3840


137.3430,
-11.8720, -16.1280

45.2860, 39.2830,
53.5150

144.0280,
-15.5390, -21.2590

151.4140,

-19.8020, -26.6020

 158.0990,
-23.4690, -31.7330

Harmonies

Analogous

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



93.6810, -5.8710, 12.7930



94.6570, 11.8720, 16.1280



93.8340, 24.4350, 14.2190

Triad

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



94.6570, 11.8720, 16.1280



90.5980, 18.3870, -8.3410



79.7150, -47.9100, -12.7900

Complementary

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



94.6570, 11.8720, 16.1280



102.3430, -11.8720, -16.1280

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.



82.4360, -34.0630, -15.9430



94.6570, 11.8720, 16.1280



89.0090, 3.8080, -13.9520

Square

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



94.6570, 11.8720, 16.1280



92.1310, 27.3720, -0.4680



85.7880, -14.6230, -15.8310



83.8070, -41.9970, -4.3090

Rectangle

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



94.6570, 11.8720, 16.1280



93.3520, 28.6080, 10.1760



85.7880, -14.6230, -15.8310



80.5150, -44.4710, -14.5430

Sweetspot

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



94.6570, 11.8720, 16.1280



142.1410, 4.2170, 6.1770



87.0830, -7.0630, 12.3690



71.4890, 3.1170, 4.0850



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



94.6570, 11.8720, 16.1280



117.1620, 18.0600, 25.1320



92.6050, 17.6500, 10.5300



55.2500, 2.2920, 2.5160



47.6500, 41.2540, 56.3420



97.5500, 84.8000, 115.2000

Inverse Universe

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



94.6570, 11.8720, 16.1280



117.1620, 18.0600, 25.1320



104.3950, -17.6500, -10.5300



55.2500, 2.2920, 2.5160



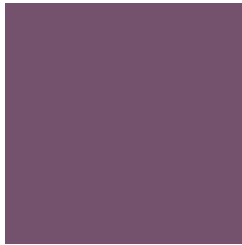
47.6500, 41.2540, 56.3420



97.5500, 84.8000, 115.2000

Previews

White Background



This preview shows how the YIQ color 94.6570, 11.8720, 16.1280 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

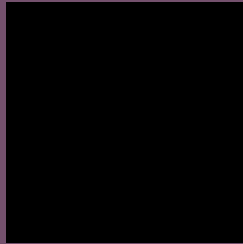
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.6570, 11.8720, 16.1280

Background



This preview shows how black text looks on a background with the YIQ color 94.6570, 11.8720, 16.1280.



This preview shows how white text looks on a background with the YIQ color 94.6570, 11.8720,

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

94.6570, 11.8720, 16.1280

Protanopia

92.3550, -11.0050, 6.7150

Deuteranopia

93.1340, -3.0730, 6.1350



Tritanopia

93.7680, 15.6330, 8.5370

Trichromacy



Original Color

94.6570, 11.8720, 16.1280

Protanomaly

92.9540, -2.3860, 10.2060

Deuteranomaly

93.8790, 2.1990, 9.7110

Tritanomaly

94.2780, 14.2570, 11.4490

Monochromacy



Original Color

94.6570, 11.8720, 16.1280

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.0270, 4.5380, 5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.6570, 11.8720, 16.1280 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(116, 81, 109)` looks like.

```
.text, #text, p{  
    color:rgb(116, 81, 109)  
}
```

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(116, 81, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 81, 109) }
```

Border

The CSS property to change the border of an element to YIQ 94.6570, 11.8720, 16.1280 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(116, 81, 109) }
```


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

```
.border{ border-color:rgb(116, 81, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 81, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 81, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 81, 109);  
box-shadow:4px 4px 4px 4px rgb(116, 81,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 94.6570, 11.8720, 16.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 81, 109) }
```

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

```
.background{ background-color: rgb(116, 81,  
109) }
```

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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