

Converting Colors

YIQ(95.8820, 15.3120, 8.8480)

Have a look what the booklet for
YIQ(95.8820, 15.3120, 8.8480)
contains.

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Color

**YIQ(95.8820, 15.3120,
8.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	74565E
RGB	116, 86, 94
RGB Percent	45%, 34%, 37%
CMY	0.5450, 0.6628, 0.6313
CMYK	0.00, 0.26, 0.19, 0.55
HSL	344°, 15%, 40%
HSV	344°, 26%, 45%
XYZ	12.5528, 11.1763, 12.0886
YIQ	95.8820, 15.3120, 8.8480

Conversions

Conversions Part 2

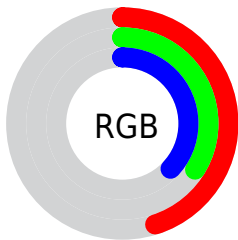
Format	Color
R_{YB}	116, 86, 94
Decimal	7624286
CIE Lab	39.88, 13.78, 0.21
CIE LCh	40, 13.785, 0.885
Yxy	11.1763, 0.3505, 0.3120
Android (android.graphics.Color)	4285814366 (0xFF74565E)
YUV	95.8820, -0.9278, 17.6435
Hunter-Lab	33.4310, 8.5199, 1.9625

Details

The YIQ color **95.8820, 15.3120, 8.8480** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **106.1180, -15.3120, -8.8480**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4800, 16.5040, 9.2720**, and **48.9850, 13.5240, 8.2120** is the 20% darker color. If you saturate the color by 10%, you get **87.9260, 21.1800, 12.6360**, and if you desaturate by 10%, it is **103.9520, 9.1230, 5.3710**.

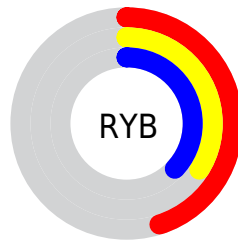
Distribution



Red (45%)

Green (34%)

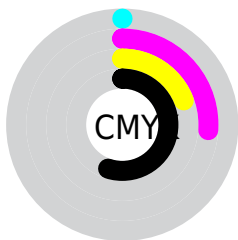
Blue (37%)



Red (45%)

Yellow (34%)

Blue (37%)

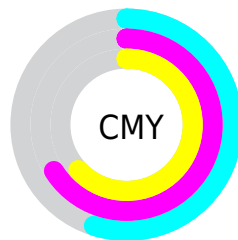


Cyan (0%)

Magenta (26%)

Yellow (19%)

Black (55%)



Cyan (55%)

Magenta (66%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.8820, 15.3120, 8.8480 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 95.8820, 15.3120, 8.8480 by changing the saturation by 10% instead.

■ 95.8820, 15.3120,
8.8480

■ 95.8820, 15.3120,
8.8480

■ 255.0000, -0.0000,
-0.0000

■ 72.1700, 14.4410,
8.1130

■ 146.7790, 17.1000,
9.4840

■ 48.9850, 13.5240,
8.2120

■ 173.1920, 17.3750,
10.0070

■ 27.9740, 12.0570,
7.2650

■ 200.4910, 17.9710,
10.2190

■ 7.8880, 15.1750,
5.8230

■ 228.7900, 18.5670,
10.4310

■ 0.0000, 0.0000,
0.0000

■ 249.7170, 2.4750,
4.7070

■ 95.8820, 15.3120,
8.8480

■ 95.8820, 15.3120,
8.8480

■ 87.9260, 21.1800,
12.6360

■ 103.9520, 9.1230,
5.3710

■ 80.4430, 27.0940,
15.5900

■ 111.3210, 3.5300,
2.1060

■ 72.4870, 32.9620,
19.3780

■ 119.3910, -2.6590,
-1.3710

■ 65.0040, 38.8760,
22.3320

■ 126.7600, -8.2520,
-4.6360

■ 57.0480, 44.7440,
26.1200

■ 134.8300,
-14.4410, -8.1130

■ 48.9780, 50.9330,
29.5970

■ 142.7860,
-20.3090, -11.9010

■ 41.6090, 56.5260,
32.8620


■ 150.2690,
-26.2230, -14.8550

■ 38.2180, 59.1850,

■ 158.2250,

34.2330

-32.0910, -18.6430

 165.7080,
-38.0050, -21.5970

Harmonies

Analogous

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



96.2170, 7.0590, 9.7390



95.8820, 15.3120, 8.8480



95.5140, 19.1640, 5.1160

Triad

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



95.8820, 15.3120, 8.8480



92.3990, 2.8900, -8.3260



90.7400, -22.6950, -1.6950

Complementary

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



95.8820, 15.3120, 8.8480



106.1180, -15.3120, -8.8480

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.



89.5070, -23.6570, -6.2890



95.8820, 15.3120, 8.8480



90.5980, -7.9760, -9.6400

Square

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



95.8820, 15.3120, 8.8480



93.2970, 12.1050, -4.6230



89.4490, -17.7420, -8.8620



93.2080, -15.0850, 3.5630

Rectangle

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



95.8820, 15.3120, 8.8480



94.5200, 19.0270, 2.0910



89.4490, -17.7420, -8.8620



90.2020, -24.1160, -3.4760

Sweetspot

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



95.8820, 15.3120, 8.8480



142.0440, 5.8680, 3.7880



95.9980, 3.4820, 13.9940



71.6200, 4.1260, 2.3180



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.



95.8820, 15.3120, 8.8480



119.1220, 23.5640, 13.4840



98.4920, 16.2300, 3.2220



54.9080, 3.2550, 1.5830



40.2400, 62.1190, 36.1270



82.3880, 127.4930, 73.8370

Inverse Universe

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



95.8820, 15.3120, 8.8480



119.1220, 23.5640, 13.4840



103.5080, -16.2300, -3.2220



54.9080, 3.2550, 1.5830



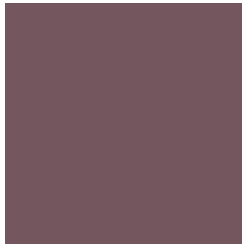
40.2400, 62.1190, 36.1270



82.3880, 127.4930, 73.8370

Previews

White Background



This preview shows how the YIQ color 95.8820, 15.3120, 8.8480 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 95.8820, 15.3120, 8.8480 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 95.8820, 15.3120, 8.8480

Background



This preview shows how black text looks on a background with the YIQ color 95.8820, 15.3120, 8.8480.



This preview shows how white text looks on a background with the YIQ color 95.8820, 15.3120,

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

95.8820, 15.3120, 8.8480

Protanopia

94.7550, -0.6880, 1.4560

Deuteranopia

95.1150, 7.1060, 3.3780



Tritanopia

95.7680, 15.6330, 8.5370

Trichromacy



Original Color

95.8820, 15.3120, 8.8480

Protanomaly

95.2720, 5.2260, 4.4100

Deuteranomaly

95.1370, 10.0400, 5.2720

Tritanomaly

95.7680, 15.6330, 8.5370

Monochromacy



Original Color

95.8820, 15.3120, 8.8480

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.6310, 5.5930, 3.2650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.8820, 15.3120, 8.8480 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, 86, 94)` looks like.

```
.text, #text, p{  
    color:rgb(116, 86, 94)  
}
```

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, 86, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 86, 94) }
```

Border

The CSS property to change the border of an element to YIQ 95.8820, 15.3120, 8.8480 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, 86, 94) }
```


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

```
.border{ border-color:rgb(116, 86, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 86, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 86, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 86, 94);  
box-shadow:4px 4px 4px 4px rgb(116, 86,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 95.8820, 15.3120, 8.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 86, 94) }
```

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

```
.background{ background-color: rgb(116, 86,  
94) }
```

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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