

Converting Colors

YIQ(95.9080, 12.4230, 11.6470)

Have a look what the booklet for
YIQ(95.9080, 12.4230, 11.6470)
contains.

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Color

**YIQ(95.9080, 12.4230,
11.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	735566
RGB	115, 85, 102
RGB Percent	45%, 33%, 40%
CMY	0.5489, 0.6667, 0.6000
CMYK	0.00, 0.26, 0.11, 0.55
HSL	326°, 15%, 39%
HSV	326°, 26%, 45%
XYZ	12.7192, 11.1008, 14.0451
YIQ	95.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

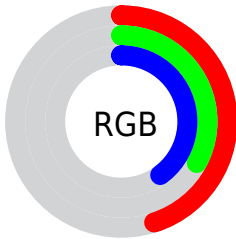
Format	Color
R_{YB}	115, 85, 102
Decimal	7558502
CIE _{Lab}	39.75, 15.45, -4.93
CIE _{LCh}	40, 16.215, 342.288
Yxy	11.1008, 0.3359, 0.2932
Android (android.graphics.Color)	4285748582 (0xFF735566)
YUV	95.9080, 3.0034, 16.7437
Hunter-Lab	33.3178, 9.8370, -1.6711

Details

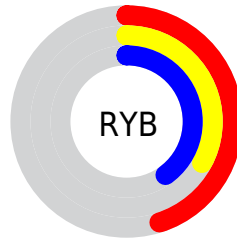
The YIQ color **95.9080, 12.4230, 11.6470** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.0920, -12.4230, -11.6470**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6200, 13.2940, 12.3820**, and **48.8970, 10.9560, 10.7000** is the 20% darker color. If you saturate the color by 10%, you get **88.2940, 17.3280, 16.3680**, and if you desaturate by 10%, it is **102.9350, 7.7930, 7.4490**.

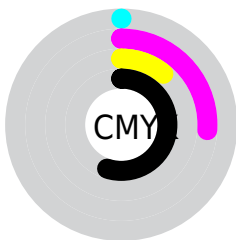
Distribution



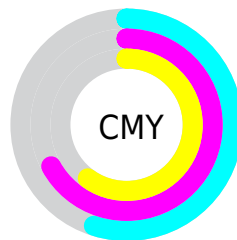
- Red (45%)
- Green (33%)
- Blue (40%)



- Red (45%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (11%)
- Black (55%)



- Cyan (55%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9080, 12.4230, 11.6470 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 95.9080, 12.4230, 11.6470 by changing the saturation by 10% instead.

■ 95.9080, 12.4230,
11.6470

■ 95.9080, 12.4230,
11.6470

255.0000, -0.0000,
-0.0000

■ 72.1960, 11.5520,
10.9120

■ 146.6200, 13.2940,
12.3820

■ 48.8970, 10.9560,
10.7000

■ 173.3320, 14.1650,
13.1170

■ 28.1850, 10.0850,
9.9650

■ 200.6310, 14.7610,
13.3290

■ 8.8430, 11.0480,
9.0320

■ 228.6310, 14.7610,
13.3290

■ 0.0000, 0.0000,
0.0000

■ 249.1300, 2.7500,
5.2300

95.9080, 12.4230,
11.6470

95.9080, 12.4230,
11.6470

88.2940, 17.3280,
16.3680

102.9350, 7.7930,
7.4490

81.2670, 21.9580,
20.5660

110.5490, 2.8880,
2.7280

73.6530, 26.8630,
25.2870

117.5760, -1.7420,
-1.4700

66.6260, 31.4930,
29.4850

125.1900, -6.6470,
-6.1910

59.0120, 36.3980,
34.2060

132.8040,
-11.5520, -10.9120

51.9850, 41.0280,
38.4040

139.8310,
-16.1820, -15.1100

44.3710, 45.9330,
43.1250


147.4450,
-21.0870, -19.8310

41.7950, 47.6750,

154.4720,

44.5950

-25.7170, -24.0290

 162.0860,
-30.6220, -28.7500

Harmonies

Analogous

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



95.0360, 0.3190, 10.7430



95.9080, 12.4230, 11.6470



95.3340, 19.8510, 9.1870

Triad

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



95.9080, 12.4230, 11.6470



92.8190, 10.4550, -7.7610



88.0980, -29.7550, -5.9070

Complementary

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



95.9080, 12.4230, 11.6470



104.0920, -12.4230, -11.6470

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.



87.6160, -25.5820, -9.9500



95.9080, 12.4230, 11.6470



90.7790, -1.2360, -10.6440

Square

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



95.9080, 12.4230, 11.6470



93.5860, 18.6610, -2.2910



88.7220, -14.2570, -11.4490



90.4240, -24.6210, 0.1710

Rectangle

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



95.9080, 12.4230, 11.6470



94.8950, 22.4650, 5.8650



88.7220, -14.2570, -11.4490



87.9300, -29.3420, -7.8860

Sweetspot

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



95.9080, 12.4230, 11.6470



142.3860, 4.9050, 4.7210



92.3070, -1.8820, 12.0860



71.8480, 3.4840, 2.9400



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.



95.9080, 12.4230, 11.6470



120.7180, 19.0700, 17.8380



94.1980, 17.2380, 6.9820



55.1360, 2.6130, 2.2050



44.3440, 50.5630, 47.3230



90.9380, 103.4180, 97.1620

Inverse Universe

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



95.9080, 12.4230, 11.6470



120.7180, 19.0700, 17.8380



105.8020, -17.2380, -6.9820



55.1360, 2.6130, 2.2050



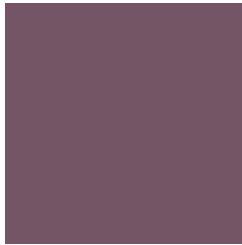
44.3440, 50.5630, 47.3230



90.9380, 103.4180, 97.1620

Previews

White Background



This preview shows how the YIQ color 95.9080, 12.4230, 11.6470 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 95.9080, 12.4230, 11.6470 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 95.9080, 12.4230, 11.6470

Background



This preview shows how black text looks on a background with the YIQ color 95.9080, 12.4230, 11.6470.

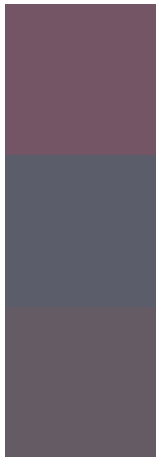


This preview shows how white text looks on a background with the YIQ color 95.9080, 12.4230,

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

95.9080, 12.4230, 11.6470

Protanopia

94.2970, -5.0900, 4.1420

Deuteranopia

94.8310, 2.1540, 5.0180



Tritanopia

95.7570, 14.1660, 7.5900

Trichromacy



Original Color

95.9080, 12.4230, 11.6470

Protanomaly

94.7000, 1.1450, 6.7850

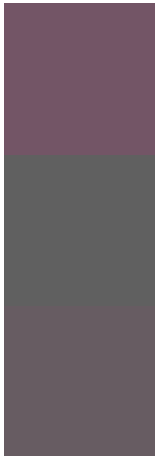
Deuteranomaly

95.1520, 5.6840, 7.1240

Tritanomaly

95.5120, 13.4780, 9.0460

Monochromacy



Original Color

95.9080, 12.4230, 11.6470

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.9730, 4.6300, 4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.9080, 12.4230, 11.6470 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(115, 85, 102)` looks like.

```
.text, #text, p{  
    color:rgb(115, 85, 102)  
}
```

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(115, 85, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 85, 102) }
```

Border

The CSS property to change the border of an element to YIQ 95.9080, 12.4230, 11.6470 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(115, 85, 102) }
```


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

```
.border{ border-color:rgb(115, 85, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 85, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 85, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 85, 102);  
box-shadow:4px 4px 4px 4px rgb(115, 85,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 95.9080, 12.4230, 11.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 85, 102) }
```

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

```
.background{ background-color: rgb(115, 85,  
102) }
```

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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