

Converting Colors

YIQ(96.8220, 15.5410, 10.2050)

Have a look what the booklet for
YIQ(96.8220, 15.5410, 10.2050)
contains.

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Color

**YIQ(96.8220, 15.5410,
10.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	765661
RGB	118, 86, 97
RGB Percent	46%, 34%, 38%
CMY	0.5372, 0.6628, 0.6196
CMYK	0.00, 0.27, 0.18, 0.54
HSL	339°, 16%, 40%
HSV	339°, 27%, 46%
XYZ	12.9591, 11.3698, 12.8241
YIQ	96.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

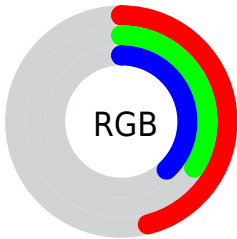
Format	Color
R_{YB}	118, 86, 97
Decimal	7755361
CIE Lab	40.20, 15.12, -1.15
CIE LCh	40, 15.162, 355.666
Yxy	11.3698, 0.3488, 0.3060
Android (android.graphics.Color)	4285945441 (0xFF765661)
YUV	96.8220, 0.0878, 18.5731
Hunter-Lab	33.7191, 9.5936, 1.0540

Details

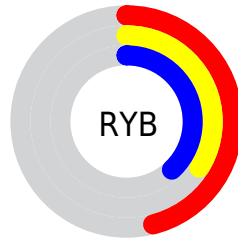
The YIQ color **96.8220, 15.5410, 10.2050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107.1780, -15.5410, -10.2050**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8330, 17.0080, 11.1520**, and **49.9250, 13.7530, 9.5690** is the 20% darker color. If you saturate the color by 10%, you get **88.8660, 21.4090, 13.9930**, and if you desaturate by 10%, it is **104.7780, 9.6730, 6.4170**.

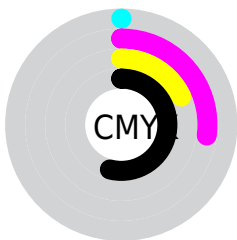
Distribution



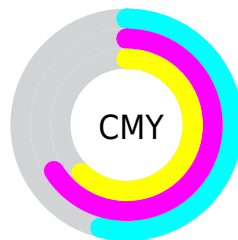
- Red (46%)
- Green (34%)
- Blue (38%)



- Red (46%)
- Yellow (34%)
- Blue (38%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (54%)



- Cyan (54%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.8220, 15.5410, 10.2050 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 96.8220, 15.5410, 10.2050 by changing the saturation by 10% instead.

■ 96.8220, 15.5410,
10.2050

■ 96.8220, 15.5410,
10.2050

■ 255.0000, -0.0000,
-0.0000

■ 73.1100, 14.6700,
9.4700

■ 147.8330, 17.0080,
11.1520

■ 49.9250, 13.7530,
9.5690

■ 174.1320, 17.6040,
11.3640

■ 28.3270, 12.5610,
9.1450

■ 201.4310, 18.2000,
11.5760

■ 8.8280, 15.4040,
7.1800

■ 229.8440, 18.4750,
12.0990

■ 0.0000, 0.0000,
0.0000

■ 249.7170, 2.4750,
4.7070

■ 96.8220, 15.5410,
10.2050

■ 96.8220, 15.5410,
10.2050

■ 88.8660, 21.4090,
13.9930

■ 104.7780, 9.6730,
6.4170

■ 81.0240, 26.9560,
18.0920

■ 112.6200, 4.1260,
2.3180

■ 73.6550, 32.5490,
21.3570

■ 119.9890, -1.4670,
-0.9470

■ 65.6990, 38.4170,
25.1450

■ 127.9450, -7.3350,
-4.7350

■ 57.7430, 44.2850,
28.9330

■ 135.9010,
-13.2030, -8.5230

■ 49.9010, 49.8320,
33.0320

■ 143.7430,
-18.7500, -12.6220

■ 41.9450, 55.7000,
36.8200


■ 151.6990,
-24.6180, -16.4100

■ 39.9560, 57.1670,

■ 159.0680,

37.7670

-30.2110, -19.6750

 167.0240,
-36.0790, -23.4630

Harmonies

Analogous

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



96.6730, 5.7750, 10.9830



96.8220, 15.5410, 10.2050



96.0520, 20.5850, 6.8970

Triad

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



96.8220, 15.5410, 10.2050



92.9540, 5.6410, -8.6230



90.9460, -26.2710, -2.9670

Complementary

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



96.8220, 15.5410, 10.2050



107.1780, -15.5410, -10.2050

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.



89.4850, -26.5910, -8.1830



96.8220, 15.5410, 10.2050



91.1420, -6.6920, -10.8840

Square

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



96.8220, 15.5410, 10.2050



94.2650, 15.1310, -4.3970



90.0960, -18.2460, -10.7420



92.9410, -18.7070, 3.1250

Rectangle

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



96.8220, 15.5410, 10.2050



95.8300, 21.0900, 3.2500



90.0960, -18.2460, -10.7420



89.7070, -27.0960, -4.5360

Sweetspot

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



96.8220, 15.5410, 10.2050



145.0440, 5.8680, 3.7880



95.9270, 2.2440, 14.4040



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.



96.8220, 15.5410, 10.2050



119.8880, 24.3430, 15.8870



98.5030, 17.6970, 4.1690



55.0220, 2.9340, 1.8940



41.2660, 59.2300, 38.9260



84.5540, 121.3940, 79.7460

Inverse Universe

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



96.8220, 15.5410, 10.2050



119.8880, 24.3430, 15.8870



105.4970, -17.6970, -4.1690



55.0220, 2.9340, 1.8940



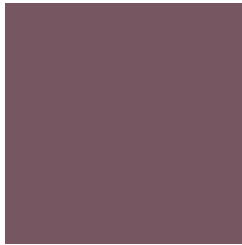
41.2660, 59.2300, 38.9260



84.5540, 121.3940, 79.7460

Previews

White Background



This preview shows how the YIQ color 96.8220, 15.5410, 10.2050 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 96.8220, 15.5410, 10.2050 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 96.8220, 15.5410, 10.2050

Background



This preview shows how black text looks on a background with the YIQ color 96.8220, 15.5410, 10.2050.



This preview shows how white text looks on a background with the YIQ color 96.8220, 15.5410,

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

96.8220, 15.5410, 10.2050

Protanopia

95.2110, -1.9720, 2.7000

Deuteranopia

96.0440, 5.8680, 3.7880



Tritanopia

96.9530, 16.5500, 8.4380

Trichromacy



Original Color

96.8220, 15.5410, 10.2050

Protanomaly

95.6140, 4.2630, 5.3430

Deuteranomaly

96.3650, 9.3980, 5.8940

Tritanomaly

97.0670, 16.2290, 8.7490

Monochromacy



Original Color

96.8220, 15.5410, 10.2050

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.0440, 5.8680, 3.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.8220, 15.5410, 10.2050 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(118, 86, 97)` looks like.

```
.text, #text, p{  
    color:rgb(118, 86, 97)  
}
```

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(118, 86, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 86, 97) }
```

Border

The CSS property to change the border of an element to YIQ 96.8220, 15.5410, 10.2050 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(118, 86, 97) }
```


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

```
.border{ border-color:rgb(118, 86, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 86, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 86, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 86, 97);  
box-shadow:4px 4px 4px 4px rgb(118, 86,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 96.8220, 15.5410, 10.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 86, 97) }
```

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

```
.background{ background-color: rgb(118, 86,  
97) }
```

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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