

Converting Colors

YIQ(111.2710, 33.3300, 12.7060)

Have a look what the booklet for
YIQ(111.2710, 33.3300, 12.7060)
contains.

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Color

**YIQ(111.2710, 33.3300,
12.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	975E60
RGB	151, 94, 96
RGB Percent	59%, 37%, 38%
CMY	0.4077, 0.6315, 0.6234
CMYK	0.00, 0.38, 0.36, 0.41
HSL	358°, 23%, 48%
HSV	358°, 38%, 59%
XYZ	18.8824, 15.4289, 13.0573
YIQ	111.2710, 33.3300, 12.7060

Conversions

Conversions Part 2

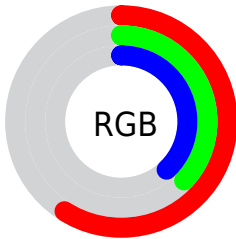
Format	Color
R_{YB}	151, 94, 96
Decimal	9920096
CIE _{Lab}	46.22, 23.58, 8.64
CIE _{LCh}	46, 25.110, 20.132
Yxy	15.4289, 0.3986, 0.3257
Android (android.graphics.Color)	4288110176 (0xFF975E60)
YUV	111.2710, -7.5286, 34.8423
Hunter-Lab	39.2797, 17.0685, 7.7868

Details

The YIQ color **111.2710, 33.3300, 12.7060** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **133.7290, -33.3300, -12.7060**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6520, 36.6310, 13.4550**, and **62.5910, 29.4330, 11.7450** is the 20% darker color. If you saturate the color by 10%, you get **100.7560, 42.2700, 15.8860**, and if you desaturate by 10%, it is **121.7860, 24.3900, 9.5260**.

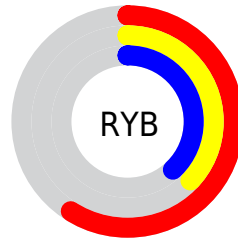
Distribution



Red (59%)

Green (37%)

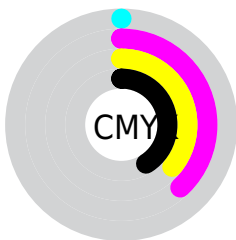
Blue (38%)



Red (59%)

Yellow (37%)

Blue (38%)

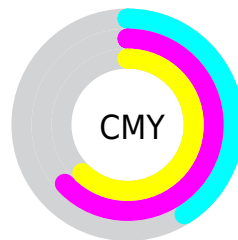


Cyan (0%)

Magenta (38%)

Yellow (36%)

Black (41%)



Cyan (41%)

Magenta (63%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.2710, 33.3300, 12.7060 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 111.2710, 33.3300, 12.7060 by changing the saturation by 10% instead.

■ 111.2710, 33.3300,
12.7060

■ 111.2710, 33.3300,
12.7060

■ 255.0000, -0.0000,
-0.0000

■ 86.3740, 31.5420,
12.0700

■ 163.6520, 36.6310,
13.4550

■ 62.5910, 29.4330,
11.7450

■ 191.2500, 37.8230,
13.8790

■ 38.9220, 27.0030,
11.7310

■ 215.8580, 33.0550,
12.1830

■ 15.5800, 27.9660,
10.7980

■ 236.0730, 16.0920,
5.7240

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 111.2710, 33.3300,
12.7060

■ 111.2710, 33.3300,
12.7060

■ 100.7560, 42.2700,
15.8860

■ 121.7860, 24.3900,
9.5260

■ 90.3550, 50.8890,
19.3770

■ 132.1870, 15.7710,
6.0350

■ 79.8400, 59.8290,
22.5570

■ 142.7020, 6.8310,
2.8550

■ 69.4390, 68.4480,
26.0480

■ 153.1030, -1.7880,
-0.6360

■ 58.3370, 77.6630,
29.7510

■ 163.6180,
-10.7280, -3.8160

■ 47.9360, 86.2820,
33.2420


■ 174.6060,
-19.6220, -7.8300

■ 45.7190, 88.3910,
33.5670

■ 185.1210,
-28.5620, -11.0100

■ 195.6360,

-37.5020, -14.1900

 206.0370,
-46.1210, -17.6810

Harmonies

Analogous

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



112.1700, 23.6090, 18.1770



111.2710, 33.3300, 12.7060



110.3600, 34.1570, 3.2210

Triad

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



111.2710, 33.3300, 12.7060



104.0290, -8.1120, -18.1920



104.7630, -38.6970, 1.9670

Complementary

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



111.2710, 33.3300, 12.7060



133.7290, -33.3300, -12.7060

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.



97.5880, -54.7420, -10.1180



111.2710, 33.3300, 12.7060



99.7090, -30.5780, -18.5300

Square

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



111.2710, 33.3300, 12.7060



106.7880, 11.7400, -14.5320



95.8130, -51.3020, -17.3980



110.2930, -16.4620, 12.0020

Rectangle

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



111.2710, 33.3300, 12.7060



109.1050, 30.2610, -3.2670



95.8130, -51.3020, -17.3980



102.4200, -45.1610, -2.0330

Sweetspot

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



111.2710, 33.3300, 12.7060



181.3930, 12.1950, 4.7630



116.6440, 13.8870, 29.1750



90.5880, 7.1520, 2.5440



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



111.2710, 33.3300, 12.7060



134.6540, 51.4850, 19.5890



126.3050, 26.8220, -1.5140



71.3920, 4.7680, 1.6960



42.4300, 81.8350, 31.2350



3.8870, 7.7480, 2.7560

Inverse Universe

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



111.2710, 33.3300, 12.7060



134.6540, 51.4850, 19.5890



118.6950, -26.8220, 1.5140



71.3920, 4.7680, 1.6960



42.4300, 81.8350, 31.2350



3.8870, 7.7480, 2.7560

Previews

White Background



This preview shows how the YIQ color 111.2710, 33.3300, 12.7060 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 111.2710, 33.3300, 12.7060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

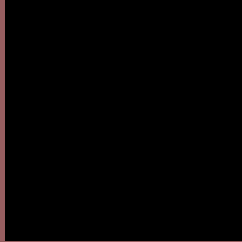
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.2710, 33.3300, 12.7060

Background



This preview shows how black text looks on a background with the YIQ color 111.2710, 33.3300, 12.7060.



This preview shows how white text looks on a background with the YIQ color 111.2710, 33.3300,

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

111.2710, 33.3300, 12.7060

Protanopia

109.6260, 3.9890, -0.7070

Deuteranopia

110.6120, 15.7720, 0.5080



Tritanopia

111.1400, 32.3210, 14.4730

Trichromacy



Original Color

111.2710, 33.3300, 12.7060

Protanomaly

110.5350, 14.6710, 3.9430

Deuteranomaly

111.0690, 21.9150, 4.8190

Tritanomaly

111.0260, 32.6420, 14.1620

Monochromacy



Original Color

111.2710, 33.3300, 12.7060

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.3930, 12.1950, 4.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.2710, 33.3300, 12.7060 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(151, 94, 96)` looks like.

```
.text, #text, p{  
    color:rgb(151, 94, 96)  
}
```

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(151, 94, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 94, 96) }
```

Border

The CSS property to change the border of an element to YIQ 111.2710, 33.3300, 12.7060 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(151, 94, 96) }
```


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

```
.border{ border-color:rgb(151, 94, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 94, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 94, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 94, 96);  
box-shadow:4px 4px 4px 4px rgb(151, 94,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 111.2710, 33.3300, 12.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 94, 96) }
```

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

```
.background{ background-color: rgb(151, 94,  
96) }
```

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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