

Converting Colors

YIQ(110.0110, 36.9980, 12.3100)

Have a look what the booklet for
YIQ(110.0110, 36.9980, 12.3100)
contains.

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Color

**YIQ(110.0110, 36.9980,
12.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	995C5A
RGB	153, 92, 90
RGB Percent	60%, 36%, 35%
CMY	0.3999, 0.6393, 0.6469
CMYK	0.00, 0.40, 0.41, 0.40
HSL	2°, 26%, 48%
HSV	2°, 41%, 60%
XYZ	18.8158, 15.1646, 11.6167
YIQ	110.0110, 36.9980, 12.3100

Conversions

Conversions Part 2

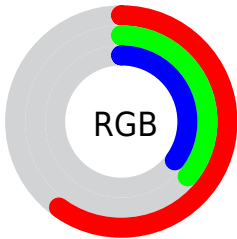
Format	Color
RYB	153, 92, 90
Decimal	10050650
CIELab	45.86, 24.77, 11.80
CIELCh	46, 27.438, 25.462
Yxy	15.1646, 0.4127, 0.3326
Android (android.graphics.Color)	4288240730 (0xFF995C5A)
YUV	110.0110, -9.8654, 37.7014
Hunter-Lab	38.9417, 18.0994, 9.5724

Details

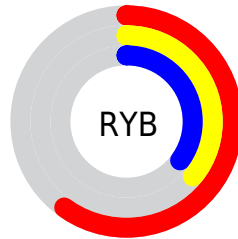
The YIQ color **110.0110, 36.9980, 12.3100** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **132.9890, -36.9980, -12.3100**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3920, 40.2990, 13.0590**, and **61.0320, 32.5050, 11.1370** is the 20% darker color. If you saturate the color by 10%, you get **99.4960, 45.9380, 15.4900**, and if you desaturate by 10%, it is **120.5260, 28.0580, 9.1300**.

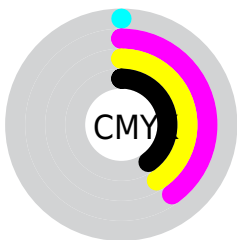
Distribution



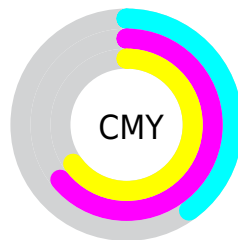
- Red (60%)
- Green (36%)
- Blue (35%)



- Red (60%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (41%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.0110, 36.9980, 12.3100 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 110.0110, 36.9980, 12.3100 by changing the saturation by 10% instead.

■ 110.0110, 36.9980,
12.3100

■ 110.0110, 36.9980,
12.3100

■ 255.0000, -0.0000,
-0.0000

■ 85.2280, 34.8890,
11.9850

■ 162.3920, 40.2990,
13.0590

■ 61.1460, 32.1840,
11.4480

■ 189.8760, 41.8120,
13.1720

■ 37.7760, 30.3500,
11.6460

■ 214.0000, 35.5310,
11.3630

■ 14.9500, 29.8000,
10.6000

■ 233.5140, 19.1640,
5.1160

■ 5.0830, 10.1320,
3.6040

■ 253.8430, 1.8800,
-1.0320

■ 0.0000, 0.0000,
0.0000

■ 110.0110, 36.9980,
12.3100

■ 110.0110, 36.9980,
12.3100

■ 99.4960, 45.9380,
15.4900

■ 120.5260, 28.0580,
9.1300

■ 88.8670, 55.1990,
18.3590

■ 131.1550, 18.7970,
6.2610

■ 78.3520, 64.1390,
21.5390

■ 141.0830, 10.1320,
3.6040

■ 68.4240, 72.8040,
24.1960

■ 151.5980, 1.1920,
0.4240

■ 57.9090, 81.7440,
27.3760

■ 162.2270, -8.0690,
-2.4450

■ 48.6820, 89.8130,
29.8210

■ 172.7420,
-17.0090, -5.6250

■ 183.2570,
-25.9490, -8.8050

■ 193.7720,

-34.8890, -11.9850

■ 203.8140,
-43.8750, -14.3310

Harmonies

Analogous

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



111.1490, 28.1020, 19.3500



110.0110, 36.9980, 12.3100



108.7900, 35.7620, 1.6660

Triad

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



110.0110, 36.9980, 12.3100



101.6370, -12.8800, -19.8880



103.9310, -39.1100, 3.9460

Complementary

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



110.0110, 36.9980, 12.3100



132.9890, -36.9980, -12.3100

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.



93.6840, -63.8200, -10.7960



110.0110, 36.9980, 12.3100



96.6370, -39.2430, -21.1870

Square

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



110.0110, 36.9980, 12.3100



104.9510, 9.7230, -16.5250



88.3100, -68.9990, -21.5670



109.8420, -13.5740, 14.7300

Rectangle

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



110.0110, 36.9980, 12.3100



107.5240, 30.3990, -5.7690



88.3100, -68.9990, -21.5670



100.8050, -47.6830, -0.3790

Sweetspot

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



110.0110, 36.9980, 12.3100



182.7630, 14.0290, 4.5650



115.9050, 17.6460, 32.6380



89.8870, 7.7480, 2.7560



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.



110.0110, 36.9980, 12.3100



132.0630, 57.5830, 19.2070



128.2080, 28.4730, -3.9030



71.3920, 4.7680, 1.6960



44.2080, 82.3400, 27.5880



3.8870, 7.7480, 2.7560

Inverse Universe

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



132.9890, -36.9980, -12.3100



167.9370, -57.5830, -19.2070



114.7920, -28.4730, 3.9030



74.0210, -4.4930, -1.1730



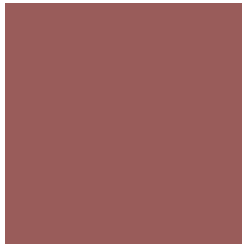
95.7920, -82.3400, -27.5880



8.5260, -7.4730, -2.2330

Previews

White Background



This preview shows how the YIQ color 110.0110, 36.9980, 12.3100 looks on a white background.

Color Contrast Check

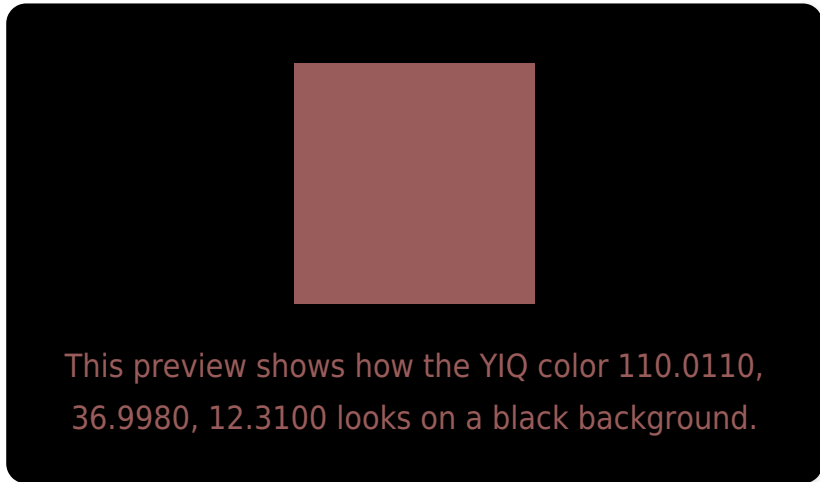
Large Text (above 18pt) WCAG AA ✓ Pass

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

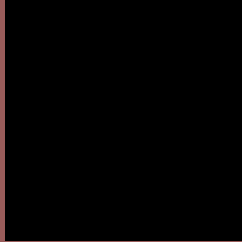
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.0110, 36.9980, 12.3100

Background



This preview shows how black text looks on a background with the YIQ color 110.0110, 36.9980, 12.3100.



This preview shows how white text looks on a background with the YIQ color 110.0110, 36.9980,

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

110.0110, 36.9980, 12.3100

Protanopia

108.9420, 5.9150, -2.5730

Deuteranopia

109.6400, 18.5690, -0.6230



Tritanopia

110.6350, 35.3010, 15.5330

Trichromacy



Original Color

110.0110, 36.9980, 12.3100

Protanomaly

109.5630, 17.4680, 2.8120

Deuteranomaly

109.5100, 24.9870, 4.2110

Tritanomaly

110.2930, 36.2640, 14.6000

Monochromacy



Original Color

110.0110, 36.9980, 12.3100

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8770, 13.7080, 4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.0110, 36.9980, 12.3100 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(153, 92, 90)` looks like.

```
.text, #text, p{  
    color:rgb(153, 92, 90)  
}
```

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(153, 92, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 92, 90) }
```

Border

The CSS property to change the border of an element to YIQ 110.0110, 36.9980, 12.3100 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(153, 92, 90) }
```


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

```
.border{ border-color:rgb(153, 92, 90) }
```

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

Here you see how a box with a 4 pixel rgb(153, 92, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 92, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 92, 90);  
box-shadow:4px 4px 4px 4px rgb(153, 92,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 110.0110, 36.9980, 12.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 92, 90) }
```

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

```
.background{ background-color: rgb(153, 92,  
90) }
```

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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