

Converting Colors

YIQ(111.3630, 47.2700, 2.3580)

Have a look what the booklet for
YIQ(111.3630, 47.2700, 2.3580)
contains.

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Color

**YIQ(111.3630, 47.2700,
2.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	9E613F
RGB	158, 97, 63
RGB Percent	62%, 38%, 25%
CMY	0.3803, 0.6197, 0.7527
CMYK	0.00, 0.39, 0.60, 0.38
HSL	21°, 43%, 43%
HSV	21°, 60%, 62%
XYZ	19.2778, 16.1764, 6.8169
YIQ	111.3630, 47.2700, 2.3580

Conversions

Conversions Part 2

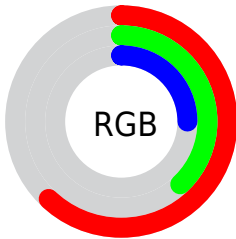
Format	Color
R_{YB}	158, 116, 63
Decimal	10379583
CIE _{Lab}	47.21, 21.34, 29.56
CIE _{LCh}	47, 36.454, 54.178
Yxy	16.1764, 0.4561, 0.3827
Android (android.graphics.Color)	4288569663 (0xFF9E613F)
YUV	111.3630, -23.8430, 40.9006
Hunter-Lab	40.2199, 15.1719, 18.1048

Details

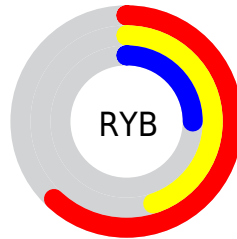
The YIQ color **111.3630, 47.2700, 2.3580** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **109.6370, -47.2700, -2.3580**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1140, 52.4050, 2.9090**, and **62.1990, 41.8600, 1.2840** is the 20% darker color. If you saturate the color by 10%, you get **103.6690, 55.1560, 2.6120**, and if you desaturate by 10%, it is **119.0570, 39.3840, 2.1040**.

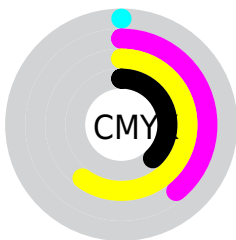
Distribution



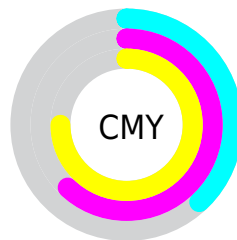
- Red (62%)
- Green (38%)
- Blue (25%)



- Red (62%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (39%)
- Yellow (60%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.3630, 47.2700, 2.3580 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 111.3630, 47.2700, 2.3580 by changing the saturation by 10% instead.

■ 111.3630, 47.2700,
2.3580

■ 111.3630, 47.2700,
2.3580

■ 255.0000, -0.0000,
-0.0000

■ 86.2810, 44.5650,
1.8210

■ 164.2280, 52.0840,
3.2200

■ 62.3130, 41.5390,
1.5950

■ 191.5980, 53.9180,
3.0220

■ 38.8720, 38.4670,
2.2030

■ 213.5150, 43.7860,
-0.5820

■ 18.4720, 28.1500,
7.4620

■ 233.6160, 27.1440,
-7.3520

■ 6.2790, 12.5160,
4.4520

■ 250.8960, 11.5560,
-11.1960

■ 0.0000, 0.0000,
0.0000

■ 254.0880, 2.5680,

-2.4880

■ 111.3630, 47.2700,
2.3580

■ 111.3630, 47.2700,
2.3580

■ 103.6690, 55.1560,
2.6120

■ 119.0570, 39.3840,
2.1040

■ 95.9750, 63.0420,
2.8660

■ 126.7510, 31.4980,
1.8500

■ 88.3950, 70.6070,
3.4310

■ 134.3310, 23.9330,
1.2850

■ 80.1140, 78.7680,
4.2080

■ 142.6120, 15.7720,
0.5080

■ 150.3060, 7.8860,
0.2540

■ 158.0000, -0.0000,
0.0000

■ 165.6940, -7.8860,
-0.2540

■ 173.2740,
-15.4510, -0.8190

■ 180.9680,
-23.3370, -1.0730

Harmonies

Analogous

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



112.3330, 47.9550, 17.4830



111.3630, 47.2700, 2.3580



109.3470, 35.0310, -12.6250

Triad

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



111.3630, 47.2700, 2.3580



86.5190, -68.6300, -33.7660



112.7690, -20.4980, 19.0700

Complementary

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



111.3630, 47.2700, 2.3580



109.6370, -47.2700, -2.3580

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.



100.3610, -63.8680, 1.0920



111.3630, 47.2700, 2.3580



90.0530, -78.5810, -24.1250

Square

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



111.3630, 47.2700, 2.3580



101.9690, -17.0510, -26.8990



91.1420, -85.7810, -14.7810



115.1060, 12.4660, 27.3940

Rectangle

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



111.3630, 47.2700, 2.3580



107.8890, 21.4610, -20.0030



91.1420, -85.7810, -14.7810



110.0770, -33.2890, 14.0950

Sweetspot

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



111.3630, 47.2700, 2.3580



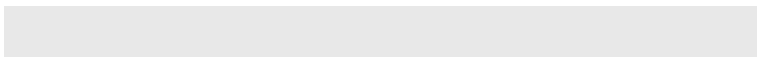
188.5800, 18.7980, 0.7340



98.4730, 36.7180, 39.4220



93.5730, 11.5080, 0.6920



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



111.3630, 47.2700, 2.3580



133.6620, 74.2290, 3.8690



138.9520, 34.3450, -22.2230



75.1530, 3.9430, 0.1270



72.6940, 71.2030, 3.6430



7.4200, 7.5650, 0.5650

Inverse Universe

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



109.6370, -47.2700, -2.3580



130.7510, -73.9540, -3.3460



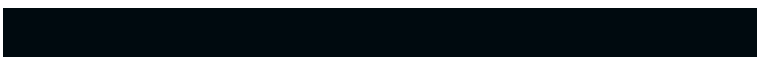
82.0480, -34.3450, 22.2230



74.8470, -3.9430, -0.1270



70.3060, -71.2030, -3.6430



7.5800, -7.5650, -0.5650

Previews

White Background



This preview shows how the YIQ color 111.3630, 47.2700, 2.3580 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 111.3630, 47.2700, 2.3580 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 111.3630, 47.2700, 2.3580

Background



This preview shows how black text looks on a background with the YIQ color 111.3630, 47.2700, 2.3580.



This preview shows how white text looks on a background with the YIQ color 111.3630, 47.2700,

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

111.3630, 47.2700, 2.3580

Protanopia

110.3870, 20.3590, -11.0410

Deuteranopia

111.0250, 33.2420, -7.7340



Tritanopia

113.4290, 38.8770, 16.8050

Trichromacy



Original Color

111.3630, 47.2700, 2.3580

Protanomaly

111.1110, 30.1240, -6.2920

Deuteranomaly

110.8840, 38.1930, -3.8470

Tritanomaly

112.8220, 41.9040, 11.5040

Monochromacy



Original Color

111.3630, 47.2700, 2.3580

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.2100, 16.9640, 0.9320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.3630, 47.2700, 2.3580 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(158, 97, 63)` looks like.

```
.text, #text, p{  
    color:rgb(158, 97, 63)  
}
```

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(158, 97, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 97, 63) }
```

Border

The CSS property to change the border of an element to YIQ 111.3630, 47.2700, 2.3580 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(158, 97, 63) }
```


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

```
.border{ border-color:rgb(158, 97, 63) }
```

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

Here you see how a box with a 4 pixel rgb(158, 97, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 97, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 97, 63);  
box-shadow:4px 4px 4px 4px rgb(158, 97,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 111.3630, 47.2700, 2.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 97, 63) }
```

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

```
.background{ background-color: rgb(158, 97,  
63) }
```

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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