

Converting Colors

YIQ(117.4580, 39.9330, 8.6770)

Have a look what the booklet for
YIQ(117.4580, 39.9330, 8.6770)
contains.

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Color

**YIQ(117.4580, 39.9330,
8.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	A16558
RGB	161, 101, 88
RGB Percent	63%, 40%, 35%
CMY	0.3685, 0.6040, 0.6547
CMYK	0.00, 0.37, 0.45, 0.37
HSL	11°, 29%, 49%
HSV	11°, 45%, 63%
XYZ	21.1193, 17.5884, 11.5236
YIQ	117.4580, 39.9330, 8.6770

Conversions

Conversions Part 2

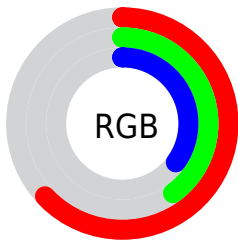
Format	Color
R_{YB}	161, 104, 88
Decimal	10577240
CIE _{Lab}	48.99, 22.70, 17.45
CIE _{LCh}	49, 28.635, 37.555
Yxy	17.5884, 0.4204, 0.3501
Android (android.graphics.Color)	4288767320 (0xFFA16558)
YUV	117.4580, -14.5228, 38.1863
Hunter-Lab	41.9385, 16.4963, 13.0656

Details

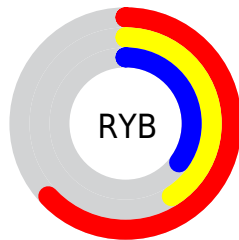
The YIQ color **117.4580, 39.9330, 8.6770** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **131.5420, -39.9330, -8.6770**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.7250, 43.5550, 9.1150**, and **67.8920, 35.7150, 8.0270** is the 20% darker color. If you saturate the color by 10%, you get **108.0030, 48.6440, 10.5000**, and if you desaturate by 10%, it is **126.9130, 31.2220, 6.8540**.

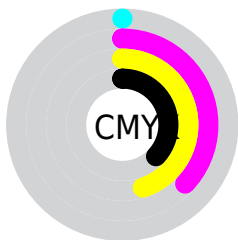
Distribution



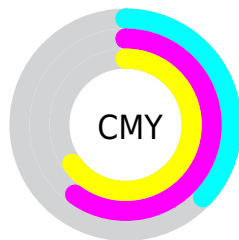
- Red (63%)
- Green (40%)
- Blue (35%)



- Red (63%)
- Yellow (41%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (45%)
- Black (37%)



- Cyan (37%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.4580, 39.9330, 8.6770 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 117.4580, 39.9330, 8.6770 by changing the saturation by 10% instead.

■ 117.4580, 39.9330,
8.6770

■ 117.4580, 39.9330,
8.6770

■ 255.0000, -0.0000,
-0.0000

■ 92.6750, 37.8240,
8.3520

■ 170.1380, 43.8300,
9.6380

■ 68.0060, 35.3940,
8.3380

■ 197.6220, 45.3430,
9.7510

■ 44.6250, 32.0930,
7.5890

■ 219.5280, 33.7440,
5.2000

■ 21.4400, 31.1760,
7.6880

■ 239.1560, 17.0560,
-0.7360

■ 9.6820, 18.7510,
7.0950

■ 254.2020, 2.2470,
-2.1770

■ 0.0000, 0.0000,
0.0000

■ 117.4580, 39.9330,
8.6770

■ 117.4580, 39.9330,
8.6770

■ 108.0030, 48.6440,
10.5000

■ 126.9130, 31.2220,
6.8540

■ 97.9610, 57.6300,
12.8460

■ 136.3680, 22.5110,
5.0310

■ 88.5060, 66.3410,
14.6690

■ 146.4100, 13.5250,
2.6850

■ 79.0510, 75.0520,
16.4920

■ 155.8650, 4.8140,
0.8620

■ 69.5960, 83.7630,
18.3150

■ 165.4340, -4.2180,
-0.6500

■ 65.1620, 87.9810,
18.9650

■ 174.8890,
-12.9290, -2.4730

■ 184.9310,
-21.9150, -4.8190

■ 194.3860,

-30.6260, -6.6420

■ 203.8410,
-39.3370, -8.4650

Harmonies

Analogous

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



118.3300, 34.8420, 18.3460



117.4580, 39.9330, 8.6770



116.4430, 35.1210, -3.2390

Triad

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



117.4580, 39.9330, 8.6770



107.1240, -24.6170, -21.9370



114.5840, -30.5830, 9.1050

Complementary

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



117.4580, 39.9330, 8.6770



131.5420, -39.9330, -8.6770

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.



105.4940, -57.1730, -4.6050



117.4580, 39.9330, 8.6770



100.3950, -53.1810, -21.8930

Square

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



117.4580, 39.9330, 8.6770



111.4660, 0.7830, -19.7050



94.3570, -76.3810, -19.9410



119.0390, -3.7630, 18.6450

Rectangle

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



117.4580, 39.9330, 8.6770



114.7360, 26.6860, -10.0660



94.3570, -76.3810, -19.9410



111.8710, -38.8810, 5.3030

Sweetspot

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



117.4580, 39.9330, 8.6770



191.6060, 15.9090, 3.5330



116.7810, 23.9270, 34.4470



94.1430, 9.9030, 2.2470



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.



117.4580, 39.9330, 8.6770



141.5270, 61.8480, 13.4960



138.5900, 30.0330, -10.1510



76.8650, 4.8140, 0.8620



58.6170, 79.2700, 17.1420



7.1430, 9.9030, 2.2470

Inverse Universe

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



131.5420, -39.9330, -8.6770



163.4730, -61.8480, -13.4960



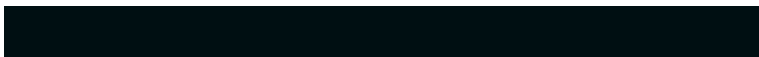
110.4100, -30.0330, 10.1510



78.1350, -4.8140, -0.8620



86.9700, -79.5450, -17.6650



10.8570, -9.9030, -2.2470

Previews

White Background



This preview shows how the YIQ color 117.4580, 39.9330, 8.6770 looks on a white background.

Color Contrast Check

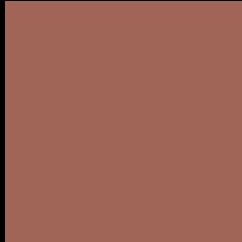
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.4580, 39.9330, 8.6770 looks on a black 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

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

YIQ 117.4580, 39.9330, 8.6770

Background



This preview shows how black text looks on a background with the YIQ color 117.4580, 39.9330, 8.6770.



This preview shows how white text looks on a background with the YIQ color 117.4580, 39.9330,

8.6770.

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

117.4580, 39.9330, 8.6770

Protanopia

116.5850, 11.2340, -5.3580

Deuteranopia

116.8100, 23.8420, -2.5740



Tritanopia

118.0480, 35.5760, 16.0560

Trichromacy



Original Color

117.4580, 39.9330, 8.6770

Protanomaly

116.6080, 21.5950, -0.3970

Deuteranomaly

116.9680, 29.3890, 1.5250

Tritanomaly

117.8370, 37.5480, 13.3560

Monochromacy



Original Color

117.4580, 39.9330, 8.6770

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.0080, 14.7170, 3.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.4580, 39.9330, 8.6770 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(161, 101, 88)` looks like.

```
.text, #text, p{  
    color:rgb(161, 101, 88)  
}
```

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(161, 101, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 101, 88) }
```

Border

The CSS property to change the border of an element to YIQ 117.4580, 39.9330, 8.6770 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(161, 101, 88) }
```


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

```
.border{ border-color:rgb(161, 101, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 101, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 101, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 101, 88);  
box-shadow:4px 4px 4px 4px rgb(161, 101,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 117.4580, 39.9330, 8.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 101, 88) }
```

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

```
.background{ background-color: rgb(161,  
101, 88) }
```

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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