

Converting Colors

YIQ(117.0440, 48.2850,
-32.5710)

Have a look what the booklet for
YIQ(117.0440, 48.2850, -32.5710)
contains.

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Color

**YIQ(117.0440, 48.2850,
-32.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7D08
RGB	143, 125, 8
RGB Percent	56%, 49%, 3%
CMY	0.4392, 0.5098, 0.9683
CMYK	0.00, 0.13, 0.94, 0.44
HSL	52°, 89%, 30%
HSV	52°, 94%, 56%
XYZ	18.7032, 20.5219, 3.2071
YIQ	117.0440, 48.2850, -32.5710

Conversions

Conversions Part 2

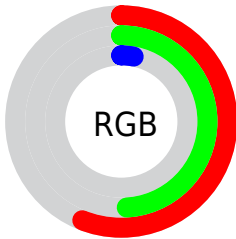
Format	Color
R_{YB}	29, 143, 8
Decimal	9403656
CIE Lab	52.42, -4.10, 56.20
CIE LCh	52, 56.353, 94.172
Yxy	20.5219, 0.4408, 0.4836
Android (android.graphics.Color)	4287593736 (0xFF8F7D08)
YUV	117.0440, -53.7587, 22.7634
Hunter-Lab	45.3011, -5.5806, 27.5132

Details

The YIQ color **117.0440, 48.2850, -32.5710** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **33.9560, -48.2850, 32.5710**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.6790, 48.0550, -28.4010**, and **71.8100, 31.8690, -21.4030** is the 20% darker color. If you saturate the color by 10%, you get **115.5450, 51.1280, -34.5360**, and if you desaturate by 10%, it is **119.8140, 43.2410, -29.2630**.

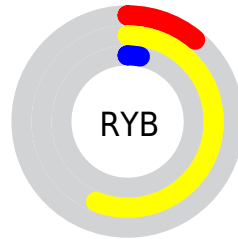
Distribution



Red (56%)

Green (49%)

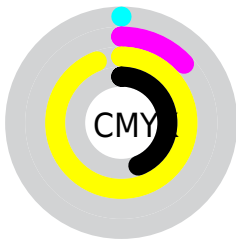
Blue (3%)



Red (11%)

Yellow (56%)

Blue (3%)

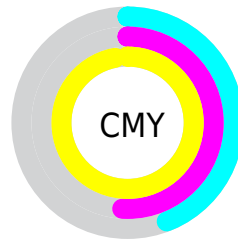


Cyan (0%)

Magenta (13%)

Yellow (94%)

Black (44%)



Cyan (44%)

Magenta (51%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.0440, 48.2850, -32.5710 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 117.0440, 48.2850, -32.5710 by changing the saturation by 10% instead.

■ 117.0440, 48.2850,
-32.5710

■ 117.0440, 48.2850,
-32.5710

■ 255.0000, -0.0000,
-0.0000

■ 93.0850, 41.0400,
-27.9200

■ 171.6790, 48.0550,
-28.4010

■ 71.8100, 31.8690,
-21.4030

■ 200.0490, 49.8890,
-28.5990

■ 50.2360, 22.1020,
-15.0980

■ 227.0380, 48.4220,
-29.5460

■ 30.4340, 12.9770,
-9.4150

■ 243.0300, 33.7050,
-32.6550

■ 7.9410, -1.5120,
-5.6400

■ 246.1080, 25.0380,
-24.2580

■ 0.0000, 0.0000,
0.0000

■ 249.4140, 15.7290,

-15.2390

■ 252.7200, 6.4200,
-6.2200

■ 117.0440, 48.2850,
-32.5710

■ 117.0440, 48.2850,
-32.5710

■ 115.5450, 51.1280,
-34.5360

■ 119.8140, 43.2410,
-29.2630

■ 122.6980, 37.8760,
-25.6440

■ 125.4680, 32.8320,
-22.3360

■ 128.2380, 27.7880,
-19.0280

■ 131.1220, 22.4230,
-15.4090

■ 133.3050, 17.6540,
-11.5780

■ 136.0750, 12.6100,
-8.2700

■ 138.8450, 7.5660,
-4.9620

■ 141.7290, 2.2010,
-1.3430

Harmonies

Analogous

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



121.1030, 68.1330, -6.8030



117.0440, 48.2850, -32.5710



113.0310, 5.6010, -40.9510

Triad

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



117.0440, 48.2850, -32.5710



106.5810, -97.5630, -21.5230



127.0200, 33.9200, 46.0800

Complementary

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



117.0440, 48.2850, -32.5710



33.9560, -48.2850, 32.5710

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.



127.5330, -16.2370, 35.4670



117.0440, 48.2850, -32.5710



106.9350, -106.8270, -7.8110

Square

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



117.0440, 48.2850, -32.5710



101.8100, -82.7510, -36.6630



101.0310, -106.7370, 1.5750



121.9680, 66.0610, 41.7810

Rectangle

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



117.0440, 48.2850, -32.5710



104.2080, -34.5620, -45.4580



101.0310, -106.7370, 1.5750



128.5390, 19.1570, 43.8050

Sweetspot

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



117.0440, 48.2850, -32.5710



175.9630, 18.6170, -12.5110



50.6450, 74.0400, 34.8400



88.0040, 11.3720, -7.8600



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



117.0440, 48.2850, -32.5710



150.1210, 66.5810, -44.7710



113.5570, 15.3230, -51.9490



69.6150, 2.5220, -1.6540



109.0440, 48.2850, -32.5710



6.5010, 2.8430, -1.9650

Inverse Universe

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



33.9560, -48.2850, 32.5710



35.8790, -66.5810, 44.7710



37.4430, -15.3230, 51.9490



65.3850, -2.5220, 1.6540



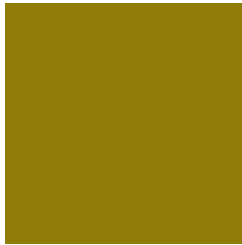
25.9560, -48.2850, 32.5710



1.4990, -2.8430, 1.9650

Previews

White Background



This preview shows how the YIQ color 117.0440, 48.2850, -32.5710 looks on a white 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

Black Background



This preview shows how the YIQ color 117.0440, 48.2850, -32.5710 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 117.0440, 48.2850, -32.5710

Background



This preview shows how black text looks on a background with the YIQ color 117.0440, 48.2850, -32.5710.



This preview shows how white text looks on a background with the YIQ color 117.0440, 48.2850, -32.5710.

-32.5710.

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

117.0440, 48.2850, -32.5710

Protanopia

117.0330, 46.8180, -33.5180

Deuteranopia

119.0330, 55.9860, -23.4540



Tritanopia

127.1920, 17.3750, 10.0070

Trichromacy



Original Color

117.0440, 48.2850, -32.5710

Protanomaly

117.3320, 47.4140, -33.3060

Deuteranomaly

118.3700, 53.4190, -26.4930

Tritanomaly

123.1540, 28.5650, -5.5710

Monochromacy



Original Color

117.0440, 48.2850, -32.5710

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.8920, 17.3790, -12.1010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.0440, 48.2850, -32.5710 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(143, 125, 8)` looks like.

```
.text, #text, p{  
    color:rgb(143, 125, 8)  
}
```

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(143, 125, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 125, 8) }
```

Border

The CSS property to change the border of an element to YIQ 117.0440, 48.2850, -32.5710 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(143, 125, 8) }
```


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

```
.border{ border-color:rgb(143, 125, 8) }
```

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

Here you see how a box with a 4 pixel rgb(143, 125, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 125, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 125, 8);  
box-shadow:4px 4px 4px 4px rgb(143, 125,  
8) }
```

Background

The CSS property to change the background color of an element to YIQ 117.0440, 48.2850, -32.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 125, 8) }
```

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

```
.background{ background-color: rgb(143,  
125, 8) }
```

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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