

Converting Colors

YIQ(115.9040, 7.9370, -28.2150)

Have a look what the booklet for
YIQ(115.9040, 7.9370, -28.2150)
contains.

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Color

**YIQ(115.9040, 7.9370,
-28.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	6A843B
RGB	106, 132, 59
RGB Percent	42%, 52%, 23%
CMY	0.5844, 0.4823, 0.7685
CMYK	0.20, 0.00, 0.55, 0.48
HSL	81°, 38%, 37%
HSV	81°, 55%, 52%
XYZ	14.9833, 19.8839, 7.1890
YIQ	115.9040, 7.9370, -28.2150

Conversions

Conversions Part 2

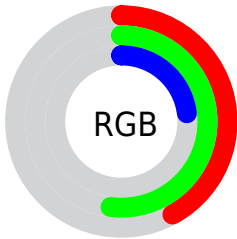
Format	Color
R_{YB}	59, 132, 85
Decimal	6980667
CIE _{Lab}	51.71, -21.73, 35.90
CIE _{LCh}	52, 41.965, 121.191
Yxy	19.8839, 0.3563, 0.4728
Android (android.graphics.Color)	4285170747 (0xFF6A843B)
YUV	115.9040, -28.0537, -8.6858
Hunter-Lab	44.5914, -18.0565, 21.6553

Details

The YIQ color **115.9040, 7.9370, -28.2150** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **75.0960, -7.9370, 28.2150**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5620, 8.9000, -29.1480**, and **65.9040, 7.9370, -28.2150** is the 20% darker color. If you saturate the color by 10%, you get **112.9270, 9.1300, -33.3180**, and if you desaturate by 10%, it is **118.8810, 6.7440, -23.1120**.

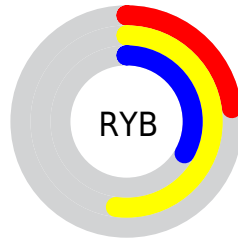
Distribution



Red (42%)

Green (52%)

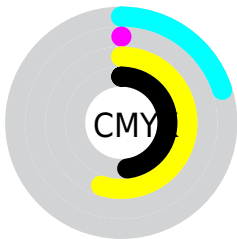
Blue (23%)



Red (23%)

Yellow (52%)

Blue (33%)

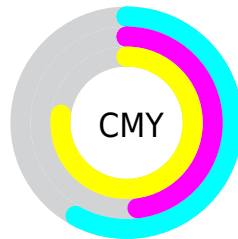


Cyan (20%)

Magenta (0%)

Yellow (55%)

Black (48%)



Cyan (58%)

Magenta (48%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.9040, 7.9370, -28.2150 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 115.9040, 7.9370, -28.2150 by changing the saturation by 10% instead.

■ 115.9040, 7.9370,
-28.2150

■ 115.9040, 7.9370,
-28.2150

■ 255.0000, -0.0000,
-0.0000

■ 91.0180, 7.6160,
-27.9040

■ 168.5620, 8.9000,
-29.1480

■ 65.9040, 7.9370,
-28.2150

■ 195.9210, 9.2670,
-30.2930

■ 44.5000, 3.4430,
-23.8610

■ 224.1060, 10.1840,
-30.3920

■ 23.5130, -6.5990,
-18.0790

■ 243.8880, 14.0340,
-23.0700

■ 7.0440, -3.3000,
-6.2760

■ 250.6680, 12.1980,
-11.8180

■ 0.0000, 0.0000,
0.0000

■ 253.8600, 3.2100,

-3.1100

■ 115.9040, 7.9370,
-28.2150

■ 115.9040, 7.9370,
-28.2150

■ 112.9270, 9.1300,
-33.3180

■ 118.8810, 6.7440,
-23.1120

■ 110.2490, 10.9190,
-38.2090

■ 121.5590, 4.9550,
-18.2210

■ 107.1580, 12.4330,
-43.6230

■ 124.6500, 3.4410,
-12.8070

■ 104.1810, 13.6260,
-48.7260

■ 127.6270, 2.2480,
-7.7040

■ 102.8990, 14.3600,
-51.0160

■ 130.6040, 1.0550,
-2.6010

■ 133.2820, -0.7340,
2.2900

■ 136.2590, -1.9270,
7.3930

■ 139.3500, -3.4410,
12.8070

■ 142.0280, -5.2300,
17.6980

Harmonies

Analogous

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



119.8430, 36.2700, -18.5620



115.9040, 7.9370, -28.2150



108.2660, -31.3090, -32.8210

Triad

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



115.9040, 7.9370, -28.2150



101.0360, -97.1060, -13.2820



124.2380, 47.2650, 29.9930

Complementary

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



115.9040, 7.9370, -28.2150



75.0960, -7.9370, 28.2150

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.



126.6560, 22.7810, 33.1890



115.9040, 7.9370, -28.2150



113.8220, -63.5480, 6.3080

Square

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



115.9040, 7.9370, -28.2150



100.8930, -89.8140, -24.2940



125.3940, -14.7680, 25.3600



123.1830, 57.1250, 16.4930

Rectangle

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



115.9040, 7.9370, -28.2150



95.4210, -74.4060, -39.2220



125.3940, -14.7680, 25.3600



125.5840, 40.4790, 31.8310

Sweetspot

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



115.9040, 7.9370, -28.2150



164.4050, 2.7530, -11.3510



96.0890, 36.3580, 1.8780



83.1540, 2.2020, -6.8700



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



115.9040, 7.9370, -28.2150



146.1580, 12.4330, -43.6230



105.1400, -13.5190, -35.8470



64.7180, 0.7340, -2.2900



101.4260, 14.3140, -50.1820



2.3590, 0.3670, -1.1450

Inverse Universe

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



75.0960, -7.9370, 28.2150



82.8420, -12.4330, 43.6230



85.8600, 13.5190, 35.8470



61.2820, -0.7340, 2.2900



28.5740, -14.3140, 50.1820



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 115.9040, 7.9370, -28.2150 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 115.9040, 7.9370, -28.2150 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 115.9040, 7.9370, -28.2150

Background



This preview shows how black text looks on a background with the YIQ color 115.9040, 7.9370, -28.2150.



This preview shows how white text looks on a background with the YIQ color 115.9040, 7.9370,

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

115.9040, 7.9370, -28.2150

Protanopia

119.2490, 29.2550, -18.0810

Deuteranopia

121.0100, 37.5980, -9.5860



Tritanopia

122.4490, -8.5740, 1.2020

Trichromacy



Original Color

115.9040, 7.9370, -28.2150

Protanomaly

117.8350, 21.5530, -21.6710

Deuteranomaly

119.0470, 27.0080, -15.9040

Tritanomaly

120.2350, -2.5200, -9.4000

Monochromacy



Original Color

115.9040, 7.9370, -28.2150

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9320, 2.7070, -10.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.9040, 7.9370, -28.2150 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(106, 132, 59)` looks like.

```
.text, #text, p{  
    color:rgb(106, 132, 59)  
}
```

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(106, 132, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 132, 59) }
```

Border

The CSS property to change the border of an element to YIQ 115.9040, 7.9370, -28.2150 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(106, 132, 59) }
```


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

```
.border{ border-color:rgb(106, 132, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 132, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 132, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 132, 59);  
box-shadow:4px 4px 4px 4px rgb(106, 132,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 115.9040, 7.9370, -28.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 132, 59) }
```

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

```
.background{ background-color: rgb(106,  
132, 59) }
```

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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