

Converting Colors

YIQ(125.7100, 28.4340,
-41.7580)

Have a look what the booklet for
YIQ(125.7100, 28.4340, -41.7580)
contains.

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Color

**YIQ(125.7100, 28.4340,
-41.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9117
RGB	127, 145, 23
RGB Percent	50%, 57%, 9%
CMY	0.5021, 0.4313, 0.9096
CMYK	0.12, 0.00, 0.84, 0.43
HSL	69°, 73%, 33%
HSV	69°, 84%, 57%
XYZ	19.0296, 24.8248, 4.6021
YIQ	125.7100, 28.4340, -41.7580

Conversions

Conversions Part 2

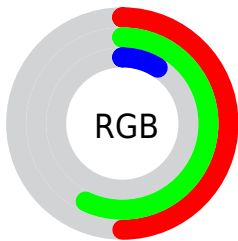
Format	Color
RYB	23, 145, 41
Decimal	8360215
CIELab	56.90, -21.74, 56.03
CIELCh	57, 60.099, 111.204
Yxy	24.8248, 0.3927, 0.5123
Android (android.graphics.Color)	4286550295 (0xFF7F9117)
YUV	125.7100, -50.6360, 1.1313
Hunter-Lab	49.8245, -19.0179, 29.4008

Details

The YIQ color **125.7100, 28.4340, -41.7580** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **42.2900, -28.4340, 41.7580**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6500, 28.6630, -40.4010**, and **77.8910, 17.9790, -33.9970** is the 20% darker color. If you saturate the color by 10%, you get **123.5160, 31.7360, -46.5360**, and if you desaturate by 10%, it is **128.0180, 24.8110, -36.6690**.

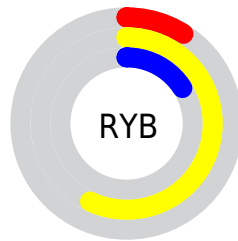
Distribution



Red (50%)

Green (57%)

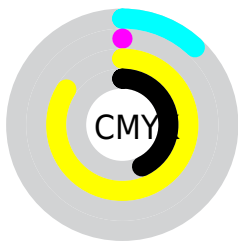
Blue (9%)



Red (9%)

Yellow (57%)

Blue (16%)

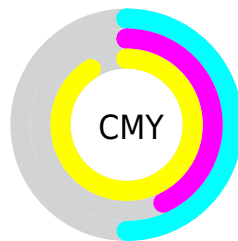


Cyan (12%)

Magenta (0%)

Yellow (84%)

Black (43%)



Cyan (50%)

Magenta (43%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.7100, 28.4340, -41.7580 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 125.7100, 28.4340, -41.7580 by changing the saturation by 10% instead.

■ 125.7100, 28.4340,
-41.7580

■ 125.7100, 28.4340,
-41.7580

■ 255.0000, -0.0000,
-0.0000

■ 99.7530, 26.8750,
-41.0370

■ 180.6500, 28.6630,
-40.4010

■ 77.8910, 17.9790,
-33.9970

■ 208.5360, 28.9840,
-40.7120

■ 56.0290, 9.0830,
-26.9570

■ 237.0200, 30.4970,
-40.5990

■ 34.4550, -0.6840,
-20.6520

■ 244.2840, 30.1740,
-29.2340

■ 17.0230, -7.9750,
-15.1670

■ 247.4760, 21.1860,
-20.5260

■ 0.0000, 0.0000,
0.0000

■ 250.7820, 11.8770,

-11.5070

254.0880, 2.5680,
-2.4880

125.7100, 28.4340,
-41.7580

125.7100, 28.4340,
-41.7580

123.5160, 31.7360,
-46.5360

128.0180, 24.8110,
-36.6690

122.1910, 34.0290,
-49.5470

130.2120, 21.5090,
-31.8910

132.5200, 17.8860,
-26.8020

135.0130, 15.1800,
-21.8120

137.3210, 11.5570,
-16.7230

■ 139.5150, 8.2550,
-11.9450

■ 141.8230, 4.6320,
-6.8560

■ 144.0170, 1.3300,
-2.0780

■ 146.3250, -2.2930,
3.0110

Harmonies

Analogous

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



130.2850, 63.9640, -24.8680



125.7100, 28.4340, -41.7580



116.2640, -28.9680, -47.7200

Triad

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



125.7100, 28.4340, -41.7580



116.8970, -112.8320, -14.6240



135.3020, 59.5490, 49.6690

Complementary

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



125.7100, 28.4340, -41.7580



42.2900, -28.4340, 41.7580

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.



140.6790, 15.9470, 46.9150



125.7100, 28.4340, -41.7580



113.6490, -117.4650, -2.2410

Square

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



125.7100, 28.4340, -41.7580



114.2290, -99.8080, -30.4000



134.5060, -47.1380, 28.3020



132.0540, 80.1380, 34.4580

Rectangle

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



125.7100, 28.4340, -41.7580



104.8470, -76.1460, -51.7460



134.5060, -47.1380, 28.3020



137.5980, 47.0320, 50.7440

Sweetspot

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



125.7100, 28.4340, -41.7580



181.5490, 10.9150, -16.1010



68.8700, 68.3120, 17.4960



89.6120, 6.6040, -9.5560



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.



125.7100, 28.4340, -41.7580



159.0820, 43.9810, -64.7150



108.0690, -6.7300, -54.2660



69.9030, 1.6510, -2.3890



113.6300, 31.4150, -46.2250



6.7890, 1.9720, -2.7000

Inverse Universe

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



42.2900, -28.4340, 41.7580



29.9180, -43.9810, 64.7150



59.9310, 6.7300, 54.2660



65.0970, -1.6510, 2.3890



21.3700, -31.4150, 46.2250



1.2110, -1.9720, 2.7000

Previews

White Background



This preview shows how the YIQ color 125.7100, 28.4340, -41.7580 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 125.7100, 28.4340, -41.7580 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 125.7100, 28.4340, -41.7580

Background



This preview shows how black text looks on a background with the YIQ color 125.7100, 28.4340, -41.7580.



This preview shows how white text looks on a background with the YIQ color 125.7100, 28.4340,

-41.7580.

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

125.7100, 28.4340, -41.7580

Protanopia

128.8590, 47.3680, -32.4720

Deuteranopia

130.9130, 56.4440, -20.7400



Tritanopia

137.1510, -1.7430, 4.0570

Trichromacy



Original Color

125.7100, 28.4340, -41.7580

Protanomaly

127.7440, 40.2620, -35.8500

Deuteranomaly

129.1950, 46.5420, -28.5140

Tritanomaly

133.1730, 9.2180, -12.8780

Monochromacy



Original Color

125.7100, 28.4340, -41.7580

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8910, 9.9520, -15.1680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7100, 28.4340, -41.7580 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(127, 145, 23)` looks like.

```
.text, #text, p{  
    color:rgb(127, 145, 23)  
}
```

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(127, 145, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 145, 23) }
```

Border

The CSS property to change the border of an element to YIQ 125.7100, 28.4340, -41.7580 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(127, 145, 23) }
```


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

```
.border{ border-color:rgb(127, 145, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 145, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 145, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 145, 23);  
box-shadow:4px 4px 4px 4px rgb(127, 145,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7100, 28.4340, -41.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 145, 23) }
```

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

```
.background{ background-color: rgb(127,  
145, 23) }
```

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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