

Converting Colors

YIQ(57.3260, -14.3430,
-42.9430)

Have a look what the booklet for
YIQ(57.3260, -14.3430, -42.9430)
contains.

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Color

**YIQ(57.3260, -14.3430,
-42.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	115900
RGB	17, 89, 0
RGB Percent	7%, 35%, 0%
CMY	0.9336, 0.6509, 1.0000
CMYK	0.81, 0.00, 1.00, 0.65
HSL	109°, 100%, 17%
HSV	109°, 100%, 35%
XYZ	3.8050, 7.2684, 1.2025
YIQ	57.3260, -14.3430, -42.9430

Conversions

Conversions Part 2

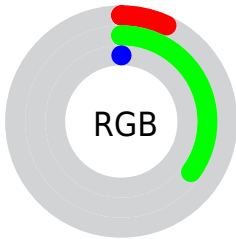
Format	Color
RYB	0, 89, 72
Decimal	1136896
CIELab	32.41, -37.62, 38.93
CIELCh	32, 54.135, 134.022
Yxy	7.2684, 0.3100, 0.5921
Android (android.graphics.Color)	4279326976 (0xFF115900)
YUV	57.3260, -28.2617, -35.3659
Hunter-Lab	26.9600, -21.9871, 16.2275

Details

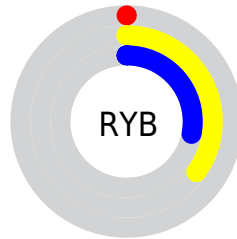
The YIQ color **57.3260, -14.3430, -42.9430** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **31.6740, 14.3430, 42.9430**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7610, -11.1340, -40.5260**, and **25.2410, -11.8250, -22.4890** is the 20% darker color. If you saturate the color by 10%, you get **57.3260, -14.3430, -42.9430**, and if you desaturate by 10%, it is **60.4450, -13.0600, -38.6600**.

Distribution



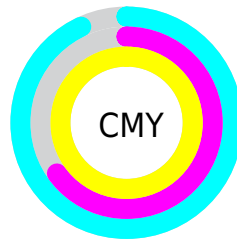
- Red (7%)
- Green (35%)
- Blue (0%)



- Red (0%)
- Yellow (35%)
- Blue (28%)



- Cyan (81%)
- Magenta (0%)
- Yellow (100%)
- Black (65%)





- Cyan (93%)
- Magenta (65%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 57.3260, -14.3430, -42.9430 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 57.3260, -14.3430, -42.9430 by changing the saturation by 10% instead.


 57.3260, -14.3430,
-42.9430


 57.3260, -14.3430,
-42.9430


 253.2900, 4.8150,
-4.6650

 38.1550, -17.8750,
-33.9950

 110.7610,
-11.1340, -40.5260


 25.2410, -11.8250,
-22.4890


 137.4190,
-10.1710, -41.4590

 9.3920, -4.4000,
-8.3680

 164.3050, -9.8500,
-41.7700

 0.0000, 0.0000,
0.0000

 191.7780, -9.8040,
-42.6040

 220.1370, -9.4370,
-43.7490

 234.3480, -2.2410,

-30.9850

■ 246.2110, 6.0550,
-16.1290

■ 57.3260, -14.3430,
-42.9430

■ 60.4450, -13.0600,
-38.6600

■ 63.5640, -11.7770,
-34.3770

■ 66.9820, -9.8980,
-29.8820

■ 70.1010, -8.6150,
-25.5990

■ 73.2200, -7.3320,
-21.3160

■ 76.2250, -5.7280,
-17.3440

■ 79.3440, -4.4450,
-13.0610

■ 82.7620, -2.5660,
-8.5660

■ 85.8810, -1.2830,
-4.2830

Harmonies

Analogous

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



70.2710, 23.0210, -26.2510



57.3260, -14.3430, -42.9430



60.4050, -41.9460, -32.7780

Triad

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



57.3260, -14.3430, -42.9430



69.7820, -75.2390, 3.4250



63.2020, 65.2820, 39.3780

Complementary

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



57.3260, -14.3430, -42.9430



31.6740, 14.3430, 42.9430

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.



69.2230, 43.5940, 46.9700



57.3260, -14.3430, -42.9430



62.2650, -71.9850, 10.5350

Square

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



57.3260, -14.3430, -42.9430



69.9810, -68.9100, -6.6540



77.9280, 1.6440, 36.3000



69.0280, 64.6910, 11.5310

Rectangle

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



57.3260, -14.3430, -42.9430



64.4120, -51.8510, -23.9710



77.9280, 1.6440, 36.3000



62.7380, 61.0170, 45.0890

Sweetspot

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



57.3260, -14.3430, -42.9430



102.6380, -5.4530, -16.8210



68.2880, 33.5190, -18.2650



51.5230, -3.3910, -10.1350



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



57.3260, -14.3430, -42.9430



74.0830, -18.5130, -55.4810



55.3210, -33.1420, -38.1500



41.6470, -0.5040, -1.8800



68.7890, -17.5050, -51.7210



151.4000, -37.8050, -113.3650

Inverse Universe

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



31.6740, 14.3430, 42.9430



40.9170, 18.5130, 55.4810



33.6790, 33.1420, 38.1500



40.6520, 1.1000, 2.0920



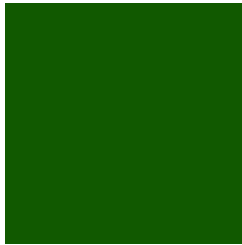
38.2110, 17.5050, 51.7210



83.6000, 37.8050, 113.3650

Previews

White Background



This preview shows how the YIQ color 57.3260, -14.3430, -42.9430 looks on a white background.

Color Contrast Check

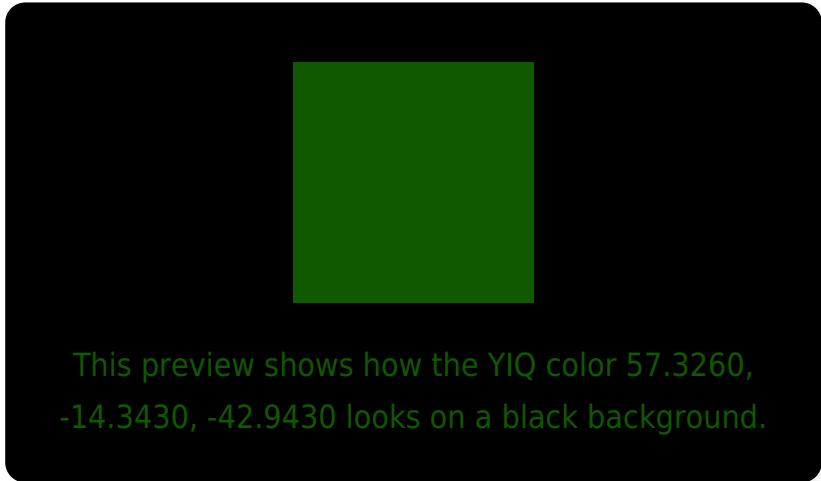
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 57.3260, -14.3430, -42.9430

Background



This preview shows how black text looks on a background with the YIQ color 57.3260, -14.3430, -42.9430.



This preview shows how white text looks on a background with the YIQ color 57.3260, -14.3430,

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

57.3260, -14.3430, -42.9430

Protanopia

70.9130, 30.0810, -22.0390

Deuteranopia

73.1340, 31.3170, -11.3950



Tritanopia

70.8270, -27.5540, -7.2500

Trichromacy



Original Color

57.3260, -14.3430, -42.9430

Protanomaly

65.7860, 14.0810, -29.4310

Deuteranomaly

67.1870, 14.6300, -22.8580

Tritanomaly

65.9610, -22.6000, -19.9440

Monochromacy



Original Color

57.3260, -14.3430, -42.9430

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1650, -5.4990, -15.9870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.3260, -14.3430, -42.9430 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(17, 89, 0)` looks like.

```
.text, #text, p{  
    color:rgb(17, 89, 0)  
}
```

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(17, 89, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 89, 0) }
```

Border

The CSS property to change the border of an element to YIQ 57.3260, -14.3430, -42.9430 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(17, 89, 0) }
```


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

```
.border{ border-color:rgb(17, 89, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 89, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 89, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(17, 89, 0); box-shadow:4px  
4px 4px 4px rgb(17, 89, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 57.3260, -14.3430, -42.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 89, 0) }
```

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

```
.background{ background-color: rgb(17, 89,  
0) }
```

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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