

Converting Colors

YIQ(57.6400, -35.2980,
-32.1140)

Have a look what the booklet for
YIQ(57.6400, -35.2980, -32.1140)
contains.

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Color

**YIQ(57.6400, -35.2980,
-32.1140)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 04582A |
| RGB | 4, 88, 42 |
| RGB Percent | 2%, 35%, 16% |
| CMY | 0.9845, 0.6548, 0.8354 |
| CMYK | 0.96, 0.00, 0.52, 0.65 |
| HSL | 147°, 91%, 18% |
| HSV | 147°, 96%, 35% |
| XYZ | 3.9594, 7.1776, 3.3647 |
| YIQ | 57.6400, -35.2980, -32.1140 |

Conversions

Conversions Part 2

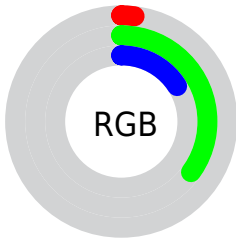
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 4, 62, 88 |
| Decimal | 284714 |
| CIE _{Lab} | 32.21, -34.47, 20.36 |
| CIE _{LCh} | 32, 40.028, 149.434 |
| Yxy | 7.1776, 0.2730, 0.4949 |
| Android (android.graphics.Color) | 4278474794 (0xFF04582A) |
| YUV | 57.6400, -7.7105, -47.0423 |
| Hunter-Lab | 26.7911, -20.5044, 11.3075 |

Details

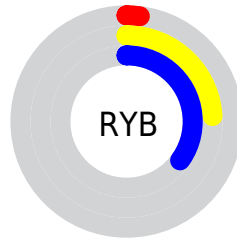
The YIQ color **57.6400, -35.2980, -32.1140** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **34.3600, 35.2980, 32.1140**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6580, -26.5410, -31.1250**, and **24.6540, -11.5500, -21.9660** is the 20% darker color. If you saturate the color by 10%, you get **56.2160, -37.0400, -33.5840**, and if you desaturate by 10%, it is **60.9010, -31.5390, -28.6510**.

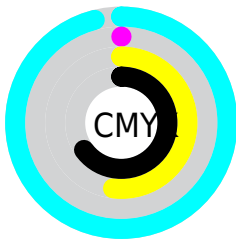
Distribution



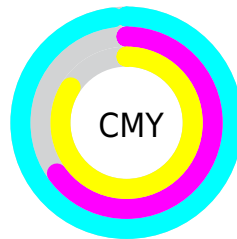
- Red (2%)
- Green (35%)
- Blue (16%)



- Red (2%)
- Yellow (24%)
- Blue (35%)



- Cyan (96%)
- Magenta (0%)
- Yellow (52%)
- Black (65%)



- Cyan (98%)
- Magenta (65%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.6400, -35.2980, -32.1140 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 57.6400, -35.2980, -32.1140 by changing the saturation by 10% instead.

■ 57.6400, -35.2980,
-32.1140

■ 57.6400, -35.2980,
-32.1140

255.0000, -0.0000,
-0.0000

■ 39.8480, -24.0200,
-27.2520

■ 111.6580,
-26.5410, -31.1250

■ 24.6540, -11.5500,
-21.9660

■ 138.1310,
-26.4950, -31.9590

■ 8.8050, -4.1250,
-7.8450

■ 165.0170,
-26.1740, -32.2700

■ 0.0000, 0.0000,
0.0000

■ 192.4900,
-26.1280, -33.1040


■ 220.9630,
-26.0820, -33.9380


■ 235.4620,


-19.7570, -21.9090


 247.4390,
-11.7820, -6.7420


 57.6400, -35.2980,
-32.1140


 57.6400, -35.2980,
-32.1140


 56.2160, -37.0400,
-33.5840

 60.9010, -31.5390,
-28.6510

 64.1620, -27.7800,
-25.1880

 67.0100, -24.2960,
-22.2480

 70.2710, -20.5370,
-18.7850

 73.5320, -16.7780,
-15.3220

■ 76.7930, -13.0190,
-11.8590

■ 80.0540, -9.2600,
-8.3960

■ 83.0160, -6.0970,
-5.1450

■ 86.1630, -2.0170,
-1.9930

Harmonies

Analogous

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



68.5560, 9.0370, -26.1230



57.6400, -35.2980, -32.1140



61.2660, -48.5040, -24.0560

Triad

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



57.6400, -35.2980, -32.1140



62.8060, -66.6190, 1.3890



72.9910, 48.9180, 16.5500

Complementary

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



57.6400, -35.2980, -32.1140



34.3600, 35.2980, 32.1140

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.



74.4760, 40.6630, 28.4950



57.6400, -35.2980, -32.1140



76.9760, -16.6470, 20.8650

Square

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



57.6400, -35.2980, -32.1140



65.8890, -65.6550, -5.0710



77.2100, 18.1050, 29.8250



73.3580, 45.6660, -1.6140

Rectangle

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



57.6400, -35.2980, -32.1140



64.3610, -55.8410, -17.7370



77.2100, 18.1050, 29.8250



72.9680, 47.7250, 21.6530

Sweetspot

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



57.6400, -35.2980, -32.1140



102.7820, -14.4860, -12.8060



67.0620, 4.3160, -34.1800



51.3530, -8.6640, -8.1840



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.



57.6400, -35.2980, -32.1140



73.4330, -48.3170, -43.9730



62.4280, -48.7800, -19.0520



41.5760, -1.7420, -1.4700



68.2810, -44.8330, -41.0330



150.0290, -98.6510, -89.9390

Inverse Universe

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



34.3600, 35.2980, 32.1140



41.5670, 48.3170, 43.9730



29.5720, 48.7800, 19.0520



40.4240, 1.7420, 1.4700



38.7190, 44.8330, 41.0330



84.9710, 98.6510, 89.9390

Previews

White Background



This preview shows how the YIQ color 57.6400, -35.2980, -32.1140 looks on a white background.

Color Contrast Check

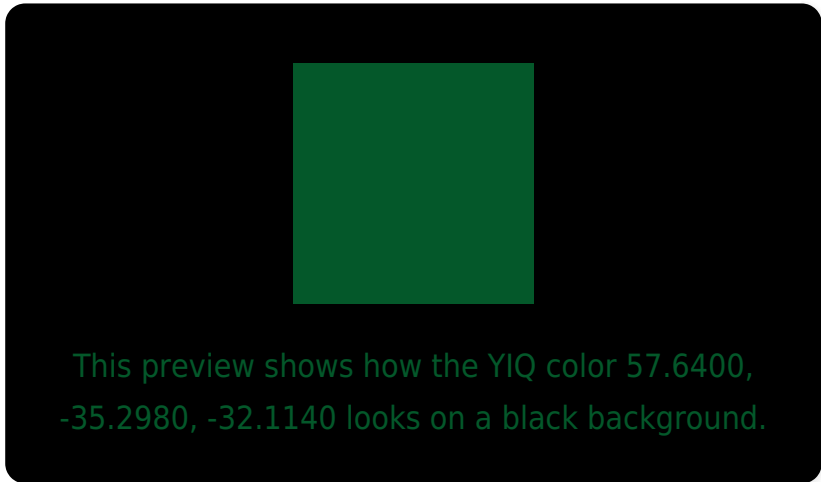
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.6400, -35.2980, -32.1140

Background



This preview shows how black text looks on a background with the YIQ color 57.6400, -35.2980, -32.1140.



This preview shows how white text looks on a background with the YIQ color 57.6400, -35.2980,

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

57.6400, -35.2980, -32.1140

Protanopia

74.0600, 16.9660, -10.1220

Deuteranopia

75.0160, 20.2660, -3.8460



Tritanopia

69.1470, -31.4510, -8.2110

Trichromacy



Original Color

57.6400, -35.2980, -32.1140

Protanomaly

67.8510, -1.7390, -18.0510

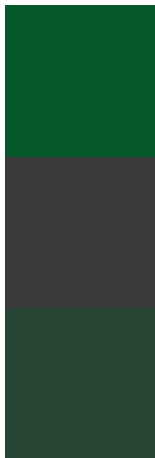
Deuteranomaly

68.8560, -0.1350, -14.0790

Tritanomaly

65.0940, -33.1000, -16.8760

Monochromacy



Original Color

57.6400, -35.2980, -32.1140

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.7930, -13.0190, -11.8590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.6400, -35.2980, -32.1140 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(4, 88, 42)` looks like.

```
.text, #text, p{  
    color:rgb(4, 88, 42)  
}
```

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(4, 88, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 88, 42) }
```

Border

The CSS property to change the border of an element to YIQ 57.6400, -35.2980, -32.1140 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(4, 88, 42) }
```


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

```
.border{ border-color:rgb(4, 88, 42) }
```

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

Here you see how a box with a 4 pixel rgb(4, 88, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 88, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 88, 42); box-shadow:4px  
4px 4px 4px rgb(4, 88, 42) }
```

Background

The CSS property to change the background color of an element to YIQ 57.6400, -35.2980, -32.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 88, 42) }
```

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

```
.background{ background-color: rgb(4, 88,  
42) }
```

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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