

Converting Colors

YIQ(92.8940, -21.6340,
-37.4580)

Have a look what the booklet for
YIQ(92.8940, -21.6340, -37.4580)
contains.

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Color

**YIQ(92.8940, -21.6340,
-37.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	317B35
RGB	49, 123, 53
RGB Percent	19%, 48%, 21%
CMY	0.8081, 0.5175, 0.7922
CMYK	0.60, 0.00, 0.57, 0.52
HSL	123°, 43%, 34%
HSV	123°, 60%, 48%
XYZ	8.9931, 15.0821, 5.8043
YIQ	92.8940, -21.6340, -37.4580

Conversions

Conversions Part 2

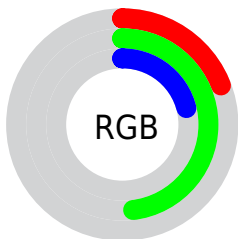
Format	Color
R_{YB}	49, 119, 123
Decimal	3242805
CIE _{Lab}	45.75, -38.31, 31.19
CIE _{LCh}	46, 49.400, 140.851
Yxy	15.0821, 0.3010, 0.5048
Android (android.graphics.Color)	4281432885 (0xFF317B35)
YUV	92.8940, -19.6677, -38.4950
Hunter-Lab	38.8357, -26.6275, 18.3236

Details

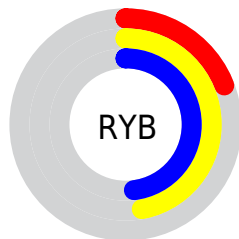
The YIQ color **92.8940, -21.6340, -37.4580** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **79.1060, 21.6340, 37.4580**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.7370, -19.7540, -38.4900**, and **43.4210, -21.6800, -36.6240** is the 20% darker color. If you saturate the color by 10%, you get **87.9380, -24.9340, -43.7340**, and if you desaturate by 10%, it is **97.8500, -18.3340, -31.1820**.

Distribution



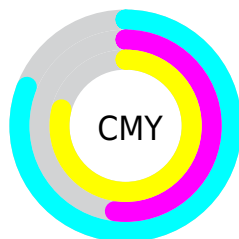
- Red (19%)
- Green (48%)
- Blue (21%)



- Red (19%)
- Yellow (47%)
- Blue (48%)



- Cyan (60%)
- Magenta (0%)
- Yellow (57%)
- Black (52%)



- Cyan (81%)
- Magenta (52%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.8940, -21.6340, -37.4580 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 92.8940, -21.6340, -37.4580 by changing the saturation by 10% instead.

■ 92.8940, -21.6340,
-37.4580

■ 92.8940, -21.6340,
-37.4580

■ 255.0000, -0.0000,
-0.0000

■ 66.0290, -26.4480,
-38.3200

■ 145.7370,
-19.7540, -38.4900

■ 43.4210, -21.6800,
-36.6240

■ 173.0960,
-19.3870, -39.6350

■ 29.3500, -13.7500,
-26.1500

■ 200.6830,
-19.6620, -40.1580

■ 16.4360, -7.7000,
-14.6440

■ 225.6340,
-17.9660, -37.8540

■ 0.0000, 0.0000,
0.0000

■ 237.3830, -9.3490,
-23.3090

■ 249.3600, -1.3740,

-8.1420

■ 92.8940, -21.6340,
-37.4580

■ 92.8940, -21.6340,
-37.4580

■ 87.9380, -24.9340,
-43.7340

■ 97.8500, -18.3340,
-31.1820

■ 82.7970, -29.1510,
-49.9110

■ 102.9910,
-14.1170, -25.0050

■ 77.8410, -32.4510,
-56.1870

■ 107.9470,
-10.8170, -18.7290

■ 72.9990, -36.0720,
-62.1520

■ 112.9030, -7.5170,
-12.4530

■ 117.7450, -3.8960,
-6.4880

■ 123.0000, -0.0000,
-0.0000

■ 127.8420, 3.6210,
5.9650

■ 132.7980, 6.9210,
12.2410

■ 138.0530, 10.8170,
18.7290

Harmonies

Analogous

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



100.3970, 22.4260, -31.9900



92.8940, -21.6340, -37.4580



85.2650, -65.0990, -37.1870

Triad

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



92.8940, -21.6340, -37.4580



90.3390, -93.1650, -2.1010



105.6280, 63.5420, 26.8540

Complementary

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



92.8940, -21.6340, -37.4580



79.1060, 21.6340, 37.4580

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.



107.7360, 46.1630, 38.9550



92.8940, -21.6340, -37.4580



106.7810, -37.9670, 21.7850

Square

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



92.8940, -21.6340, -37.4580



92.9830, -89.5870, -11.8830



111.3160, 12.2350, 37.0910



105.5560, 62.9040, 5.3680

Rectangle

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



92.8940, -21.6340, -37.4580



89.1580, -74.6830, -28.6910



111.3160, 12.2350, 37.0910



105.4630, 59.8730, 32.7770

Sweetspot

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



92.8940, -21.6340, -37.4580



149.1370, -8.2960, -14.8560



113.3680, 21.3700, -23.8620



74.6800, -5.2710, -9.1030



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



92.8940, -21.6340, -37.4580



113.7760, -33.8260, -58.8020



97.1120, -33.5110, -25.9510



58.5220, -1.6500, -3.1380



74.1730, -36.6220, -63.1980



149.5200, -73.7940, -127.4420

Inverse Universe

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



79.1060, 21.6340, 37.4580



92.1100, 34.1470, 58.4910



74.8880, 33.5110, 25.9510



57.4780, 1.6500, 3.1380



50.8270, 36.6220, 63.1980



102.5940, 73.4730, 127.7530

Previews

White Background



This preview shows how the YIQ color 92.8940, -21.6340, -37.4580 looks on a white background.

Color Contrast Check

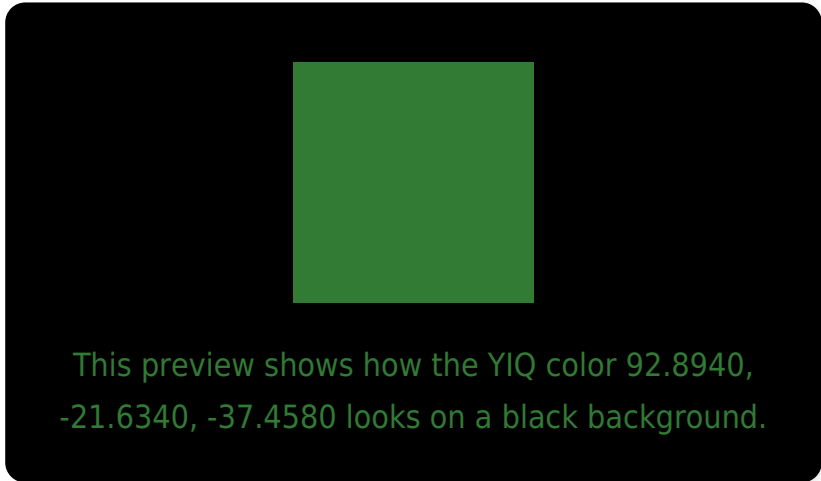
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 92.8940, -21.6340, -37.4580

Background



This preview shows how black text looks on a background with the YIQ color 92.8940, -21.6340, -37.4580.



This preview shows how white text looks on a background with the YIQ color 92.8940, -21.6340,

-37.4580.

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

92.8940, -21.6340, -37.4580

Protanopia

104.7480, 26.4120, -16.1160

Deuteranopia

106.6550, 31.4080, -7.5360



Tritanopia

102.3750, -32.0930, -7.5890

Trichromacy



Original Color

92.8940, -21.6340, -37.4580

Protanomaly

100.1370, 8.8990, -23.6210

Deuteranomaly

101.5660, 12.2450, -18.1790

Tritanomaly

99.0790, -28.7440, -18.7280

Monochromacy



Original Color

92.8940, -21.6340, -37.4580

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.9630, -7.7460, -13.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.8940, -21.6340, -37.4580 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(49, 123, 53)` looks like.

```
.text, #text, p{  
    color:rgb(49, 123, 53)  
}
```

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(49, 123, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 123, 53) }
```

Border

The CSS property to change the border of an element to YIQ 92.8940, -21.6340, -37.4580 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(49, 123, 53) }
```


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

```
.border{ border-color:rgb(49, 123, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 123, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 123, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 123, 53);  
box-shadow:4px 4px 4px 4px rgb(49, 123,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 92.8940, -21.6340, -37.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 123, 53) }
```

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

```
.background{ background-color: rgb(49, 123,  
53) }
```

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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