

Converting Colors

YIQ(125.7570, -40.8420,
-52.7940)

Have a look what the booklet for
YIQ(125.7570, -40.8420, -52.7940)
contains.

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Color

**YIQ(125.7570, -40.8420,
-52.7940)**

Conversions

Conversions Part 1

Format	Color
Hex	36AB51
RGB	54, 171, 81
RGB Percent	21%, 67%, 32%
CMY	0.7886, 0.3292, 0.6824
CMYK	0.68, 0.00, 0.53, 0.33
HSL	134°, 52%, 44%
HSV	134°, 68%, 67%
XYZ	17.5732, 30.5200, 12.7447
YIQ	125.7570, -40.8420, -52.7940

Conversions

Conversions Part 2

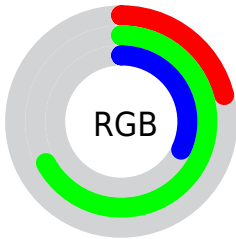
Format	Color
RYB	54, 149, 171
Decimal	3582801
CIELab	62.10, -51.79, 36.82
CIELCh	62, 63.550, 144.590
Yxy	30.5200, 0.2889, 0.5017
Android (android.graphics.Color)	4281772881 (0xFF36AB51)
YUV	125.7570, -22.0652, -62.9309
Hunter-Lab	55.2449, -39.8982, 24.9935

Details

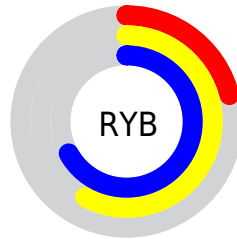
The YIQ color **125.7570, -40.8420, -52.7940** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **99.2430, 40.8420, 52.7940**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6820, -36.2570, -53.2890**, and **72.3270, -42.4470, -51.2390** is the 20% darker color. If you saturate the color by 10%, you get **119.1920, -46.8010, -60.4410**, and if you desaturate by 10%, it is **132.3220, -34.8830, -45.1470**.

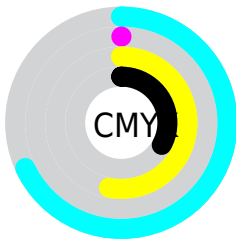
Distribution



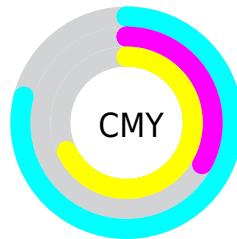
- Red (21%)
- Green (67%)
- Blue (32%)



- Red (21%)
- Yellow (58%)
- Blue (67%)



- Cyan (68%)
- Magenta (0%)
- Yellow (53%)
- Black (33%)





- Cyan (79%)
- Magenta (33%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.7570, -40.8420, -52.7940 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 125.7570, -40.8420, -52.7940 by changing the saturation by 10% instead.


 125.7570,
-40.8420, -52.7940


 125.7570,
-40.8420, -52.7940


 255.0000, -0.0000,
-0.0000


 92.4070, -54.5960,
-56.8360


 182.6820,
-36.2570, -53.2890


 72.3270, -42.4470,
-51.2390


 210.8670,
-35.3400, -53.3880

 54.4600, -26.5840,
-46.8720


 222.6160,
-26.7230, -38.8430

 39.3290, -18.4250,
-35.0410

 234.4790,
-18.4270, -23.9870

 26.4150, -12.3750,
-23.5350

 246.7550, -9.8560,
-8.6080

 8.2180, -3.8500,
-7.3220

 0.0000, 0.0000,

0.0000

■ 125.7570,
-40.8420, -52.7940

■ 125.7570,
-40.8420, -52.7940

■ 119.1920,
-46.8010, -60.4410

■ 132.3220,
-34.8830, -45.1470

■ 112.6270,
-52.7600, -68.0880

■ 138.8870,
-28.9240, -37.5000

■ 106.0620,
-58.7190, -75.7350

■ 145.4520,
-22.9650, -29.8530

■ 104.9370,
-59.8650, -76.9930

■ 152.1310,
-17.3270, -21.8950

■ 158.6960,
-11.3680, -14.2480

■ 165.5600, -4.8130,
-6.3890

■ 172.1250, 1.1460,
1.2580

■ 178.6900, 7.1050,
8.9050

■ 185.2550, 13.0640,
16.5520

Harmonies

Analogous

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



138.1500, 24.0790, -45.4330



125.7570, -40.8420, -52.7940



119.0440, -92.6980, -49.1300

Triad

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



125.7570, -40.8420, -52.7940



122.9900, -125.8550, -4.3750



145.6480, 87.1530, 33.9770

Complementary

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



125.7570, -40.8420, -52.7940



99.2430, 40.8420, 52.7940

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.



148.4880, 67.8930, 52.6370



125.7570, -40.8420, -52.7940



149.6040, -41.3620, 33.7580

Square

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



125.7570, -40.8420, -52.7940



128.4380, -124.6610, -15.0050



153.7340, 23.2820, 51.6500



145.8110, 83.9950, 3.0910

Rectangle

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



125.7570, -40.8420, -52.7940



124.0770, -105.4920, -37.5240



153.7340, 23.2820, 51.6500



145.9500, 83.6670, 42.0910

Sweetspot

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



125.7570, -40.8420, -52.7940



203.8430, -16.4560, -21.1600



150.1870, 22.6570, -41.6870



101.2340, -9.9470, -12.4670



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



125.7570, -40.8420, -52.7940



151.6220, -63.5320, -82.1240



132.2550, -59.1390, -35.0670



83.5110, -3.1170, -4.0850



92.0400, -52.4850, -67.5650



14.0710, -7.9300, -10.4740

Inverse Universe

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



99.2430, 40.8420, 52.7940



110.3780, 63.5320, 82.1240



92.7450, 59.1390, 35.0670



81.4890, 3.1170, 4.0850



58.0740, 52.1640, 67.8760



8.9290, 7.9300, 10.4740

Previews

White Background



This preview shows how the YIQ color 125.7570, -40.8420, -52.7940 looks on a white 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

Black Background



This preview shows how the YIQ color 125.7570, -40.8420, -52.7940 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 ✓ Pass

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

YIQ 125.7570, -40.8420, -52.7940 Background



This preview shows how black text looks on a background with the YIQ color 125.7570, -40.8420, -52.7940.



This preview shows how white text looks on a background with the YIQ color 125.7570, -40.8420, -52.7940.

-52.7940.

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

125.7570, -40.8420, -52.7940

Protanopia

145.2340, 33.6110, -19.9330

Deuteranopia

147.5050, 40.5780, -8.5260



Tritanopia

139.1600, -50.6610, -12.4930

Trichromacy



Original Color

125.7570, -40.8420, -52.7940

Protanomaly

138.3120, 6.6080, -31.6640

Deuteranomaly

139.8660, 11.1000, -24.9640

Tritanomaly

134.3430, -47.4030, -27.4910

Monochromacy



Original Color

125.7570, -40.8420, -52.7940

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7940, -14.7600, -18.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7570, -40.8420, -52.7940 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(54, 171, 81)` looks like.

```
.text, #text, p{  
    color:rgb(54, 171, 81)  
}
```

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(54, 171, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 171, 81) }
```

Border

The CSS property to change the border of an element to YIQ 125.7570, -40.8420, -52.7940 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(54, 171, 81) }
```


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

```
.border{ border-color:rgb(54, 171, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 171, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 171, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 171, 81);  
box-shadow:4px 4px 4px 4px rgb(54, 171,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7570, -40.8420, -52.7940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 171, 81) }
```

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

```
.background{ background-color: rgb(54, 171,  
81) }
```

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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