

Converting Colors

YIQ(120.7400, -33.0040,
-40.6520)

Have a look what the booklet for
YIQ(120.7400, -33.0040, -40.6520)
contains.

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Color

**YIQ(120.7400, -33.0040,
-40.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	409C58
RGB	64, 156, 88
RGB Percent	25%, 61%, 35%
CMY	0.7493, 0.3881, 0.6550
CMYK	0.59, 0.00, 0.44, 0.39
HSL	136°, 42%, 43%
HSV	136°, 59%, 61%
XYZ	15.7656, 25.5819, 13.3350
YIQ	120.7400, -33.0040, -40.6520

Conversions

Conversions Part 2

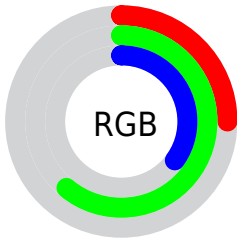
Format	Color
RYB	64, 137, 156
Decimal	4234328
CIELab	57.64, -42.68, 27.64
CIElCh	58, 50.851, 147.073
Yxy	25.5819, 0.2883, 0.4678
Android (android.graphics.Color)	4282424408 (0xFF409C58)
YUV	120.7400, -16.1408, -49.7610
Hunter-Lab	50.5785, -32.8731, 19.7731

Details

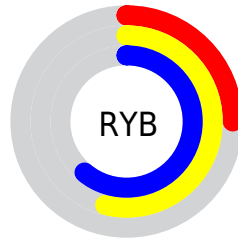
The YIQ color **120.7400, -33.0040, -40.6520** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **99.2600, 33.0040, 40.6520**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5830, -31.1240, -41.6840**, and **65.7220, -41.7610, -41.6410** is the 20% darker color. If you saturate the color by 10%, you get **114.5880, -38.6880, -47.7760**, and if you desaturate by 10%, it is **126.8920, -27.3200, -33.5280**.

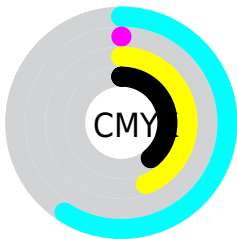
Distribution



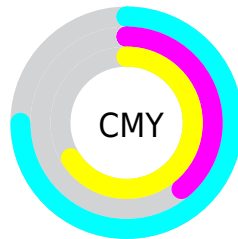
- Red (25%)
- Green (61%)
- Blue (35%)



- Red (25%)
- Yellow (54%)
- Blue (61%)



- Cyan (59%)
- Magenta (0%)
- Yellow (44%)
- Black (39%)





- Cyan (75%)
- Magenta (39%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.7400, -33.0040, -40.6520 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 120.7400, -33.0040, -40.6520 by changing the saturation by 10% instead.


 120.7400,
-33.0040, -40.6520


 120.7400,
-33.0040, -40.6520


 255.0000, -0.0000,
-0.0000


 92.8860, -36.3510,
-40.5670


 175.5830,
-31.1240, -41.6840


 65.7220, -41.7610,
-41.6410


 203.9420,
-30.7570, -42.8290


 48.4250, -27.5030,
-35.7190

 224.3110,
-27.1820, -36.0300

 32.2850, -15.1250,
-28.7650

 236.1740,
-18.8860, -21.1740

 19.9580, -9.3500,
-17.7820

 248.1510,
-10.9110, -6.0070

 0.0000, 0.0000,
0.0000

■ 120.7400,
-33.0040, -40.6520

■ 120.7400,
-33.0040, -40.6520

■ 114.5880,
-38.6880, -47.7760

■ 126.8920,
-27.3200, -33.5280

■ 108.8490,
-44.0970, -54.3770

■ 132.6310,
-21.9110, -26.9270

■ 102.6970,
-49.7810, -61.5010

■ 138.7830,
-16.2270, -19.8030

■ 96.9580, -55.1900,
-68.1020

■ 144.5220,
-10.8180, -13.2020

■ 96.2460, -56.0610,
-68.8370

■ 150.6740, -5.1340,
-6.0780

■ 156.7120, 0.8710,
0.7350

■ 162.5650, 5.9590,
7.6470

■ 168.6030, 11.9640,

14.4600

■ 174.4560, 17.0520,
21.3720

Harmonies

Analogous

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



129.8090, 15.2740, -34.5340



120.7400, -33.0040, -40.6520



108.9680, -86.3720, -42.6280

Triad

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



120.7400, -33.0040, -40.6520



110.9930, -112.7420, -5.2380



137.4560, 69.7780, 23.9700

Complementary

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



120.7400, -33.0040, -40.6520



99.2600, 33.0040, 40.6520

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.



139.2270, 54.9660, 39.1100



120.7400, -33.0040, -40.6520



140.3420, -26.1850, 28.5270

Square

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



120.7400, -33.0040, -40.6520



115.1530, -110.6770, -15.1330



142.3990, 22.3670, 40.6950



136.3620, 66.2060, 0.5900

Rectangle

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



120.7400, -33.0040, -40.6520



112.5020, -96.3230, -32.9870



142.3990, 22.3670, 40.6950



137.8890, 67.3010, 30.3170

Sweetspot

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



120.7400, -33.0040, -40.6520



189.8590, -13.3850, -16.2410



138.6350, 15.8240, -33.4880



93.4840, -7.6550, -9.9510



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



120.7400, -33.0040, -40.6520



148.4470, -52.0730, -64.0170



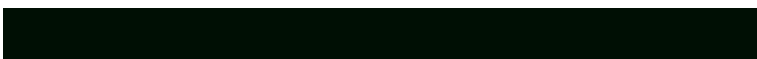
125.8700, -47.4490, -26.6570



75.9240, -2.8420, -3.5620



88.1590, -51.2020, -63.2820



9.2610, -5.4090, -6.6010

Inverse Universe

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



99.2600, 33.0040, 40.6520



114.5530, 52.0730, 64.0170



94.1300, 47.4490, 26.6570



74.0760, 2.8420, 3.5620



54.8410, 51.2020, 63.2820



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 120.7400, -33.0040, -40.6520 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 120.7400, -33.0040, -40.6520 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 120.7400, -33.0040, -40.6520 Background



This preview shows how black text looks on a background with the YIQ color 120.7400, -33.0040, -40.6520.



This preview shows how white text looks on a background with the YIQ color 120.7400, -33.0040, -40.6520.

-40.6520.

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

120.7400, -33.0040, -40.6520

Protanopia

135.3890, 26.0450, -14.9710

Deuteranopia

137.2360, 31.2700, -5.0340



Tritanopia

130.2320, -41.9960, -9.8360

Trichromacy



Original Color

120.7400, -33.0040, -40.6520

Protanomaly

130.2720, 4.0850, -24.4830

Deuteranomaly

131.5270, 7.9810, -17.9950

Tritanomaly

126.9360, -38.6470, -20.9750

Monochromacy



Original Color

120.7400, -33.0040, -40.6520

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9840, -12.2390, -14.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.7400, -33.0040, -40.6520 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(64, 156, 88)` looks like.

```
.text, #text, p{  
    color:rgb(64, 156, 88)  
}
```

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(64, 156, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 156, 88) }
```

Border

The CSS property to change the border of an element to YIQ 120.7400, -33.0040, -40.6520 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(64, 156, 88) }
```


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

```
.border{ border-color:rgb(64, 156, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 156, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 156, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 156, 88);  
box-shadow:4px 4px 4px 4px rgb(64, 156,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 120.7400, -33.0040, -40.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 156, 88) }
```

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

```
.background{ background-color: rgb(64, 156,  
88) }
```

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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