

Converting Colors

YIQ(127.1290, -40.2080,
-9.2000)

Have a look what the booklet for
YIQ(127.1290, -40.2080, -9.2000)
contains.

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Color

**YIQ(127.1290, -40.2080,
-9.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	53909C
RGB	83, 144, 156
RGB Percent	33%, 56%, 61%
CMY	0.6746, 0.4352, 0.3884
CMYK	0.47, 0.08, 0.00, 0.39
HSL	190°, 31%, 47%
HSV	190°, 47%, 61%
XYZ	19.5384, 24.1905, 35.0728
YIQ	127.1290, -40.2080, -9.2000

Conversions

Conversions Part 2

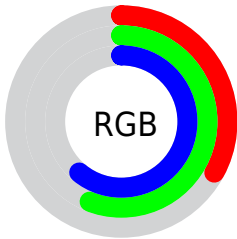
Format	Color
R_{YB}	83, 116, 156
Decimal	5476508
CIE _{Lab}	56.28, -16.45, -12.48
CIE _{LCh}	56, 20.652, 217.183
Yxy	24.1905, 0.2479, 0.3070
Android (android.graphics.Color)	4283666588 (0xFF53909C)
YUV	127.1290, 14.2334, -38.7011
Hunter-Lab	49.1839, -15.1622, -7.8507

Details

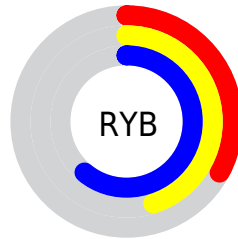
The YIQ color $127.1290, -40.2080, -9.2000$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $111.8710, 40.2080, 9.2000$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $181.1290, -40.2080, -9.2000$, and $74.3350, -43.7840, -10.4720$ is the 20% darker color. If you saturate the color by 10%, you get $120.5840, -48.9190, -11.0230$, and if you desaturate by 10%, it is $133.6740, -31.4970, -7.3770$.

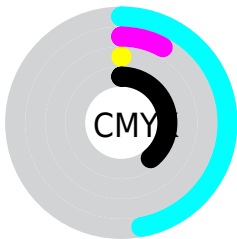
Distribution



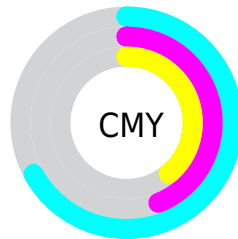
- Red (33%)
- Green (56%)
- Blue (61%)



- Red (33%)
- Yellow (45%)
- Blue (61%)



- Cyan (47%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.1290, -40.2080, -9.2000 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 127.1290, -40.2080, -9.2000 by changing the saturation by 10% instead.

■ 127.1290,
-40.2080, -9.2000

■ 127.1290,
-40.2080, -9.2000

■ 255.0000, -0.0000,
-0.0000

■ 100.8300,
-40.8040, -9.4120

■ 181.1290,
-40.2080, -9.2000

■ 74.3350, -43.7840,
-10.4720

■ 208.9440,
-41.1250, -9.1010

■ 50.3240, -45.2510,
-11.4190

■ 236.1630,
-37.5480, -13.3560

■ 34.2010, -31.5430,
-6.5430

■ 244.8340,
-20.2640, -7.2080

■ 19.9530, -18.9810,
-2.9250

■ 253.5050, -2.9800,
-1.0600

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,

0.0000

■ 127.1290,
-40.2080, -9.2000

■ 127.1290,
-40.2080, -9.2000

■ 120.5840,
-48.9190, -11.0230

■ 133.6740,
-31.4970, -7.3770

■ 114.9250,
-57.3090, -13.1570

■ 139.3330,
-23.1070, -5.2430

■ 108.3800,
-66.0200, -14.9800

■ 145.8780,
-14.3960, -3.4200

■ 102.7210,
-74.4100, -17.1140

■ 151.5370, -6.0060,
-1.2860

■ 96.1760, -83.1210,
-18.9370

■ 158.0820, 2.7050,
0.5370

■ 94.0940, -85.8260,
-19.4740

■ 164.0400, 11.6910,
2.8830

■ 170.2860, 19.8060,
4.4940

■ 176.2440, 28.7920,
6.8400

■ 182.4900, 36.9070,
8.4510

Harmonies

Analogous

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



126.9740, -32.6420, -14.1620



127.1290, -40.2080, -9.2000



130.5090, -35.1660, -1.4540

Triad

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



127.1290, -40.2080, -9.2000



138.2120, 14.6230, 15.8310



133.5870, 16.9200, -9.2880

Complementary

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



127.1290, -40.2080, -9.2000



111.8710, 40.2080, 9.2000

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.



135.1910, 27.1430, -1.8250



127.1290, -40.2080, -9.2000



137.6770, 26.3150, 13.1870

Square

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



127.1290, -40.2080, -9.2000



137.1760, -2.8910, 13.8530



136.6140, 30.6260, 6.6420



131.3400, 1.3780, -13.9660

Rectangle

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



127.1290, -40.2080, -9.2000



132.9880, -26.0890, 4.7510



136.6140, 30.6260, 6.6420



134.2070, 21.0460, -6.9700

Sweetspot

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



127.1290, -40.2080, -9.2000



192.3940, -15.9090, -3.5330



127.1050, -23.6060, -34.7580



95.1560, -9.3070, -2.0350



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.



127.1290, -40.2080, -9.2000



158.7610, -62.7190, -14.2310



106.5840, -30.5830, 9.1050



76.0210, -4.4930, -1.1730



86.1550, -78.6280, -17.7640



9.3410, -8.3900, -2.1340

Inverse Universe

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



111.7810, 23.9270, 34.4470



134.9160, 37.4490, 53.7130



132.4160, 30.5830, -9.1050



74.1900, 2.5210, 3.8730



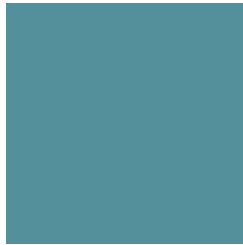
56.3230, 47.0290, 67.3250



5.9670, 4.7670, 7.2230

Previews

White Background



This preview shows how the YIQ color 127.1290, -40.2080, -9.2000 looks on a white background.

Color Contrast Check

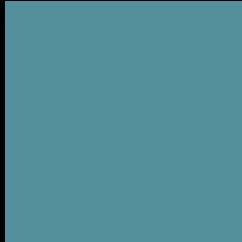
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.1290, -40.2080, -9.2000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

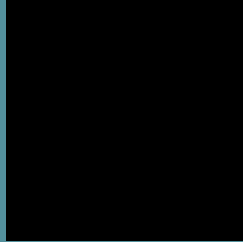
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.1290, -40.2080, -9.2000

Background



This preview shows how black text looks on a background with the YIQ color 127.1290, -40.2080, -9.2000.



This preview shows how white text looks on a background with the YIQ color 127.1290, -40.2080, -9.2000.

-9.2000.

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

127.1290, -40.2080, -9.2000

Protanopia

134.5250, -5.7320, 4.7640

Deuteranopia

135.3880, -6.6040, 9.5560



Tritanopia

127.1290, -40.2080, -9.2000

Trichromacy



Original Color

127.1290, -40.2080, -9.2000

Protanomaly

131.8330, -18.5230, -0.2110

Deuteranomaly

132.5280, -18.9820, 2.6020

Tritanomaly

127.1290, -40.2080, -9.2000

Monochromacy



Original Color

127.1290, -40.2080, -9.2000

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.9920, -14.7170, -3.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1290, -40.2080, -9.2000 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(83, 144, 156)` looks like.

```
.text, #text, p{  
    color:rgb(83, 144, 156)  
}
```

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(83, 144, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 144, 156) }
```

Border

The CSS property to change the border of an element to YIQ 127.1290, -40.2080, -9.2000 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(83, 144, 156) }
```


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

```
.border{ border-color:rgb(83, 144, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 144, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 144, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 144, 156);  
box-shadow:4px 4px 4px 4px rgb(83, 144,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1290, -40.2080, -9.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 144, 156) }
```

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

```
.background{ background-color: rgb(83, 144,  
156) }
```

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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