

Converting Colors

YIQ(128.0890, -34.7040,
-20.8480)

Have a look what the booklet for
YIQ(128.0890, -34.7040, -20.8480)
contains.

YIQ(128.0890, -34.7040, -20.8480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(128.0890, -34.7040,
-20.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	529783
RGB	82, 151, 131
RGB Percent	32%, 59%, 51%
CMY	0.6786, 0.4077, 0.4864
CMYK	0.46, 0.00, 0.13, 0.41
HSL	163°, 30%, 46%
HSV	163°, 46%, 59%
XYZ	18.6416, 25.5722, 25.4151
YIQ	128.0890, -34.7040, -20.8480

Conversions

Conversions Part 2

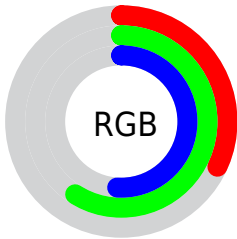
Format	Color
RYB	82, 122, 151
Decimal	5412739
CIELab	57.63, -26.86, 3.80
CIELCh	58, 27.129, 171.940
Yxy	25.5722, 0.2677, 0.3673
Android (android.graphics.Color)	4283602819 (0xFF529783)
YUV	128.0890, 1.4351, -40.4201
Hunter-Lab	50.5690, -22.6938, 5.6002

Details

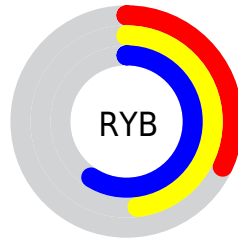
The YIQ color **128.0890, -34.7040, -20.8480** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **104.9110, 34.7040, 20.8480**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.2630, -35.2540, -21.8940**, and **76.1210, -37.7300, -21.0740** is the 20% darker color. If you saturate the color by 10%, you get **123.1480, -42.3600, -25.2720**, and if you desaturate by 10%, it is **133.0300, -27.0480, -16.4240**.

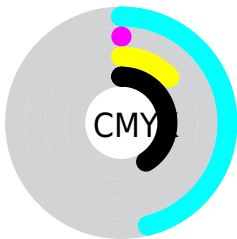
Distribution



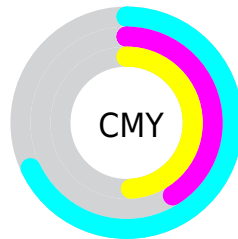
- Red (32%)
- Green (59%)
- Blue (51%)



- Red (32%)
- Yellow (48%)
- Blue (59%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (68%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.0890, -34.7040, -20.8480 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 128.0890, -34.7040, -20.8480 by changing the saturation by 10% instead.

■ 128.0890,
-34.7040, -20.8480

■ 128.0890,
-34.7040, -20.8480

■ 255.0000, -0.0000,
-0.0000

■ 101.9040,
-35.6210, -20.7490

■ 182.2630,
-35.2540, -21.8940

■ 76.1210, -37.7300,
-21.0740

■ 210.2630,
-35.2540, -21.8940

■ 50.7510, -39.5640,
-20.8760

■ 234.1540,
-33.3290, -18.2330

■ 34.7420, -26.1770,
-15.6890

■ 244.2360,
-21.4560, -7.6320

■ 20.6080, -13.9360,
-11.7600

■ 252.9070, -4.1720,
-1.4840

■ 0.0000, 0.0000,
0.0000

■ 128.0890,
-34.7040, -20.8480

■ 128.0890,
-34.7040, -20.8480

■ 123.1480,
-42.3600, -25.2720

■ 133.0300,
-27.0480, -16.4240

■ 118.0930,
-49.6950, -30.0070

■ 138.0850,
-19.7130, -11.6890

■ 113.1520,
-57.3510, -34.4310

■ 143.0260,
-12.0570, -7.2650

■ 108.0970,
-64.6860, -39.1660

■ 148.0810, -4.7220,
-2.5300

■ 102.8570,
-72.9380, -43.8020

■ 153.0220, 2.9340,
1.8940

■ 100.8350,
-75.8720, -45.6960

■ 158.2620, 11.1860,
6.5300

■ 163.3170, 18.5210,
11.2650

■ 168.2580, 26.1770,

15.6890

■ 173.1990, 33.8330,
20.1130

Harmonies

Analogous

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



132.1920, -10.1290, -20.1850



128.0890, -34.7040, -20.8480



124.5460, -54.9240, -17.8360

Triad

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



128.0890, -34.7040, -20.8480



139.7600, -16.2790, 14.1930



139.3990, 38.4210, 3.0370

Complementary

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



128.0890, -34.7040, -20.8480



104.9110, 34.7040, 20.8480

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.



140.5490, 38.4190, 14.0910



128.0890, -34.7040, -20.8480



141.5520, 7.9740, 20.6940

Square

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



128.0890, -34.7040, -20.8480



134.0340, -40.8980, 3.3100



141.7900, 27.7350, 20.4950



137.8720, 29.2990, -7.8610

Rectangle

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



128.0890, -34.7040, -20.8480



125.5550, -59.1430, -12.9590



141.7900, 27.7350, 20.4950



140.1050, 39.4290, 6.7970

Sweetspot

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



128.0890, -34.7040, -20.8480



187.0150, -13.5240, -8.2120



128.7820, -6.4590, -31.6350



93.7600, -8.2520, -4.6360



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



128.0890, -34.7040, -20.8480



160.1740, -54.4170, -32.5370



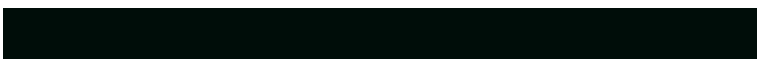
122.1510, -37.2740, -7.3060



74.2660, -3.8050, -2.6290



93.5800, -70.6000, -42.1200



8.6570, -6.4640, -4.0000

Inverse Universe

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



104.9110, 34.7040, 20.8480



123.9400, 54.0960, 32.8480



110.8490, 37.2740, 7.3060



71.6200, 4.1260, 2.3180



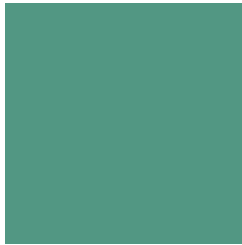
46.5340, 70.2790, 42.4310



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 128.0890, -34.7040, -20.8480 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 128.0890, -34.7040, -20.8480 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 128.0890, -34.7040, -20.8480 Background



This preview shows how black text looks on a background with the YIQ color 128.0890, -34.7040, -20.8480.



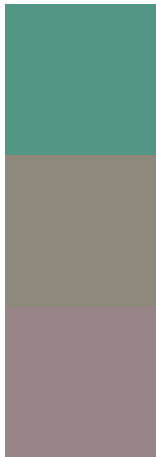
This preview shows how white text looks on a background with the YIQ color 128.0890, -34.7040, -20.8480.

-20.8480.

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

128.0890, -34.7040, -20.8480

Protanopia

137.3120, 7.7490, -2.7710

Deuteranopia

138.9090, 10.6820, 4.6500



Tritanopia

131.3250, -37.8240, -8.3520

Trichromacy



Original Color

128.0890, -34.7040, -20.8480

Protanomaly

134.0110, -7.7010, -9.1170

Deuteranomaly

135.4290, -5.8220, -4.6220

Tritanomaly

129.8750, -36.6770, -12.6210

Monochromacy



Original Color

128.0890, -34.7040, -20.8480

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.7270, -12.6530, -7.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.0890, -34.7040, -20.8480 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(82, 151, 131)` looks like.

```
.text, #text, p{  
    color:rgb(82, 151, 131)  
}
```

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(82, 151, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 151, 131) }
```

Border

The CSS property to change the border of an element to YIQ 128.0890, -34.7040, -20.8480 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(82, 151, 131) }
```


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

```
.border{ border-color:rgb(82, 151, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 151, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 151, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 151, 131);  
box-shadow:4px 4px 4px 4px rgb(82, 151,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 128.0890, -34.7040, -20.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 151, 131) }
```

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

```
.background{ background-color: rgb(82, 151,  
131) }
```

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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