

Converting Colors

YIQ(95.2850, -41.4880,
-30.0640)

Have a look what the booklet for
YIQ(95.2850, -41.4880, -30.0640)
contains.

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Color

**YIQ(95.2850, -41.4880,
-30.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	257E5A
RGB	37, 126, 90
RGB Percent	15%, 49%, 35%
CMY	0.8551, 0.5057, 0.6472
CMYK	0.71, 0.00, 0.29, 0.51
HSL	156°, 55%, 32%
HSV	156°, 71%, 49%
XYZ	10.0704, 16.0611, 12.2344
YIQ	95.2850, -41.4880, -30.0640

Conversions

Conversions Part 2

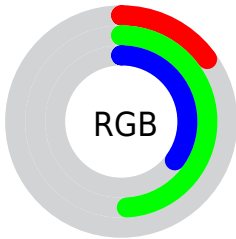
Format	Color
RYB	37, 93, 126
Decimal	2457178
CIELab	47.05, -35.19, 12.20
CIELCh	47, 37.248, 160.873
Yxy	16.0611, 0.2625, 0.4186
Android (android.graphics.Color)	4280647258 (0xFF257E5A)
YUV	95.2850, -2.6055, -51.1159
Hunter-Lab	40.0762, -25.2797, 9.9534

Details

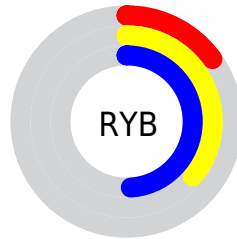
The YIQ color **95.2850, -41.4880, -30.0640** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **67.7150, 41.4880, 30.0640**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.1390, -38.1410, -30.1490**, and **49.6280, -35.0240, -26.0640** is the 20% darker color. If you saturate the color by 10%, you get **90.8280, -47.6310, -34.3750**, and if you desaturate by 10%, it is **99.7420, -35.3450, -25.7530**.

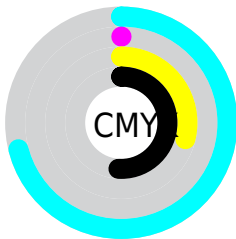
Distribution



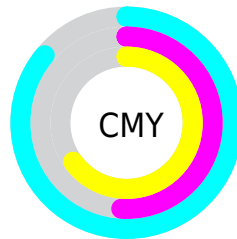
- Red (15%)
- Green (49%)
- Blue (35%)



- Red (15%)
- Yellow (36%)
- Blue (49%)



- Cyan (71%)
- Magenta (0%)
- Yellow (29%)
- Black (51%)



- Cyan (86%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.2850, -41.4880, -30.0640 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 95.2850, -41.4880, -30.0640 by changing the saturation by 10% instead.

■ 95.2850, -41.4880,
-30.0640

■ 95.2850, -41.4880,
-30.0640

■ 255.0000, -0.0000,
-0.0000

■ 66.8110, -48.9610,
-32.2970

■ 149.1390,
-38.1410, -30.1490

■ 49.6280, -35.0240,
-26.0640

■ 176.7260,
-38.4160, -30.6720

■ 33.1460, -21.6830,
-20.0430

■ 205.1990,
-38.3700, -31.5060

■ 18.7840, -8.8000,
-16.7360

■ 227.9160,
-35.8950, -26.7990

■ 0.0000, 0.0000,
0.0000

■ 239.7790,
-27.5990, -11.9430

■ 249.0200,

-11.9200, -4.2400

■ 95.2850, -41.4880,
-30.0640

■ 95.2850, -41.4880,
-30.0640

■ 90.8280, -47.6310,
-34.3750

■ 99.7420, -35.3450,
-25.7530

■ 86.6700, -53.1780,
-38.4740

■ 103.9000,
-29.7980, -21.6540

■ 82.5120, -58.7250,
-42.5730

■ 108.3570,
-23.6550, -17.3430

■ 112.5150,
-18.1080, -13.2440

■ 116.9720,
-11.9650, -8.9330

■ 121.5430, -6.1430,
-4.3110

■ 125.7010, -0.5960,
-0.2120

■ 130.1580, 5.5470,
4.0990

■ 134.3160, 11.0940,
8.1980

Harmonies

Analogous

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



103.5100, -2.5170, -25.9810



95.2850, -41.4880, -30.0640



89.0440, -74.3620, -29.0020

Triad

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



95.2850, -41.4880, -30.0640



108.5000, -38.9740, 12.4980



111.5470, 49.9280, 9.2560

Complementary

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



95.2850, -41.4880, -30.0640



67.7150, 41.4880, 30.0640

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.



112.2390, 45.5240, 22.9960



95.2850, -41.4880, -30.0640



114.8100, -1.3800, 25.0200

Square

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



95.2850, -41.4880, -30.0640



89.8200, -87.5700, -9.8900



114.3590, 27.8710, 29.0470



110.3420, 42.5950, -6.5330

Rectangle

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



95.2850, -41.4880, -30.0640



90.8510, -80.8280, -21.9480



114.3590, 27.8710, 29.0470



112.0080, 50.2480, 14.4720

Sweetspot

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



95.2850, -41.4880, -30.0640



151.2380, -15.7700, -11.5620



100.3060, -2.4230, -38.7030



74.6950, -9.6270, -7.2510



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.



95.2850, -41.4880, -30.0640



115.0550, -64.8680, -46.8840



95.2800, -51.1190, -15.2070



61.5650, -3.2090, -2.4170



83.8000, -59.5960, -43.3080



0.0000, 0.0000, 0.0000

Inverse Universe

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



67.7150, 41.4880, 30.0640



72.0590, 64.5470, 47.1950



67.7200, 51.1190, 15.2070



59.4350, 3.2090, 2.4170



44.2000, 59.5960, 43.3080



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 95.2850, -41.4880, -30.0640 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



This preview shows how the YIQ color 95.2850, -41.4880, -30.0640 looks on a 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 95.2850, -41.4880, -30.0640

Background



This preview shows how black text looks on a background with the YIQ color 95.2850, -41.4880, -30.0640.



This preview shows how white text looks on a background with the YIQ color 95.2850, -41.4880,

-30.0640.

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

95.2850, -41.4880, -30.0640

Protanopia

110.2000, 13.7560, -7.0120

Deuteranopia

111.7970, 16.6890, 0.4090



Tritanopia

102.1070, -43.1420, -11.0940

Trichromacy



Original Color

95.2850, -41.4880, -30.0640

Protanomaly

104.5070, -6.4620, -15.0540

Deuteranomaly

105.9250, -4.5830, -10.5590

Tritanomaly

99.7770, -42.4530, -18.0770

Monochromacy



Original Color

95.2850, -41.4880, -30.0640

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9500, -14.8990, -10.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.2850, -41.4880, -30.0640 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(37, 126, 90)` looks like.

```
.text, #text, p{  
    color:rgb(37, 126, 90)  
}
```

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(37, 126, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 126, 90) }
```

Border

The CSS property to change the border of an element to YIQ 95.2850, -41.4880, -30.0640 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(37, 126, 90) }
```


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

```
.border{ border-color:rgb(37, 126, 90) }
```

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

Here you see how a box with a 4 pixel rgb(37, 126, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 126, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 126, 90);  
box-shadow:4px 4px 4px 4px rgb(37, 126,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 95.2850, -41.4880, -30.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 126, 90) }
```

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

```
.background{ background-color: rgb(37, 126,  
90) }
```

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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