

Converting Colors

YIQ(35.4440, -10.1780, -2.7700)

Have a look what the booklet for
YIQ(35.4440, -10.1780, -2.7700)
contains.

YIQ(35.4440, -10.1780, -2.7700)	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(35.4440, -10.1780,
-2.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	18282A
RGB	24, 40, 42
RGB Percent	9%, 16%, 16%
CMY	0.9059, 0.8431, 0.8353
CMYK	0.43, 0.05, 0.00, 0.84
HSL	187°, 27%, 13%
HSV	187°, 43%, 16%
XYZ	1.5532, 1.8792, 2.4703
YIQ	35.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

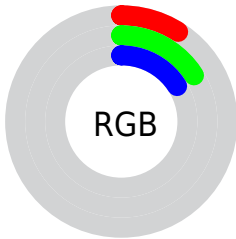
Format	Color
RYB	24, 32, 42
Decimal	1583146
CIELab	14.84, -6.05, -3.45
CIELCh	15, 6.962, 209.671
Yxy	1.8792, 0.2631, 0.3184
Android (android.graphics.Color)	4279773226 (0xFF18282A)
YUV	35.4440, 3.2321, -10.0364
Hunter-Lab	13.7084, -3.7650, -1.0886

Details

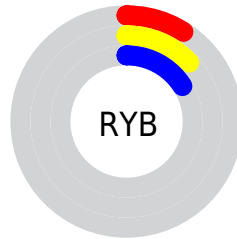
The YIQ color **35.4440, -10.1780, -2.7700** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30.5560, 10.1780, 2.7700**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.1450, -10.7740, -2.9820**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.2480, -12.5620, -3.6180**, and if you desaturate by 10%, it is **36.6400, -7.7940, -1.9220**.

Distribution



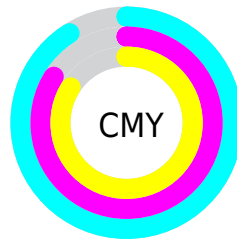
- Red (9%)
- Green (16%)
- Blue (16%)



- Red (9%)
- Yellow (13%)
- Blue (16%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (84%)



- Cyan (91%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.4440, -10.1780, -2.7700 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 35.4440, -10.1780, -2.7700 by changing the saturation by 10% instead.

■ 35.4440, -10.1780,
-2.7700

■ 35.4440, -10.1780,
-2.7700

■ 254.4020, -1.1920,
-0.4240

■ 14.2480, -12.5620,
-3.6180

■ 80.1450, -10.7740,
-2.9820

■ 0.0000, 0.0000,
0.0000

■ 104.2590,
-11.0950, -2.6710

■ 129.5470,
-11.9660, -3.4060

■ 155.5470,
-11.9660, -3.4060

■ 182.5470,
-11.9660, -3.4060

■ 210.2480,

-12.5620, -3.6180

■ 238.2480,
-12.5620, -3.6180

■ 35.4440, -10.1780,
-2.7700

■ 35.4440, -10.1780,
-2.7700

■ 34.2480, -12.5620,
-3.6180

■ 36.6400, -7.7940,
-1.9220

■ 32.4650, -14.6710,
-3.9430

■ 38.4230, -5.6850,
-1.5970

■ 30.9700, -17.6510,
-5.0030

■ 39.9180, -2.7050,
-0.5370

■ 29.1870, -19.7600,
-5.3280

■ 41.7010, -0.5960,
-0.2120

■ 27.9910, -22.1440,
-6.1760

■ 42.8970, 1.7880,
0.6360

■ 26.5070, -23.6570,
-6.2890

■ 44.6800, 3.8970,
0.9610

■ 45.8760, 6.2810,
1.8090

■ 47.9580, 8.9860,
2.3460

■ 49.1540, 11.3700,
3.1940

Harmonies

Analogous

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



35.4720, -7.3810, -3.9010



35.4440, -10.1780, -2.7700



35.9110, -9.9950, -0.5790

Triad

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



35.4440, -10.1780, -2.7700



38.4890, 3.1170, 4.0850



37.1700, 5.2730, -1.9510

Complementary

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



35.4440, -10.1780, -2.7700



30.5560, 10.1780, 2.7700

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.



37.3060, 7.8860, 0.2540



35.4440, -10.1780, -2.7700



38.3430, 6.4640, 4.0000

Square

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



35.4440, -10.1780, -2.7700



37.7380, -2.0180, 3.5340



37.7730, 8.0690, 2.4450



36.9630, 1.4220, -3.7460

Rectangle

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



35.4440, -10.1780, -2.7700



36.6340, -7.6570, 1.1030



37.7730, 8.0690, 2.4450



37.1810, 6.7400, -1.0040

Sweetspot

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



35.4440, -10.1780, -2.7700



51.3200, -3.8970, -0.9610



34.7940, -5.5920, -8.7920



26.8040, -2.3840, -0.8480



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



35.4440, -10.1780, -2.7700



43.8670, -15.8630, -4.3670



30.1610, -7.7030, 1.9370



19.4020, -1.1920, -0.4240



53.6010, -47.5890, -13.1010



134.5240, -119.7520, -32.3920

Inverse Universe

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



31.2060, 5.5920, 8.7920



37.2220, 8.6630, 13.7110



35.8390, 7.7030, -1.9370



18.8260, 0.5500, 1.0460



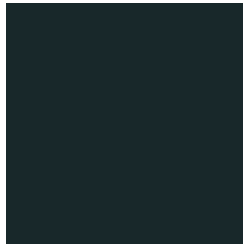
33.6660, 25.9890, 41.1330



84.8200, 66.0040, 103.4120

Previews

White Background



This preview shows how the YIQ color 35.4440, -10.1780, -2.7700 looks on a white background.

Color Contrast Check

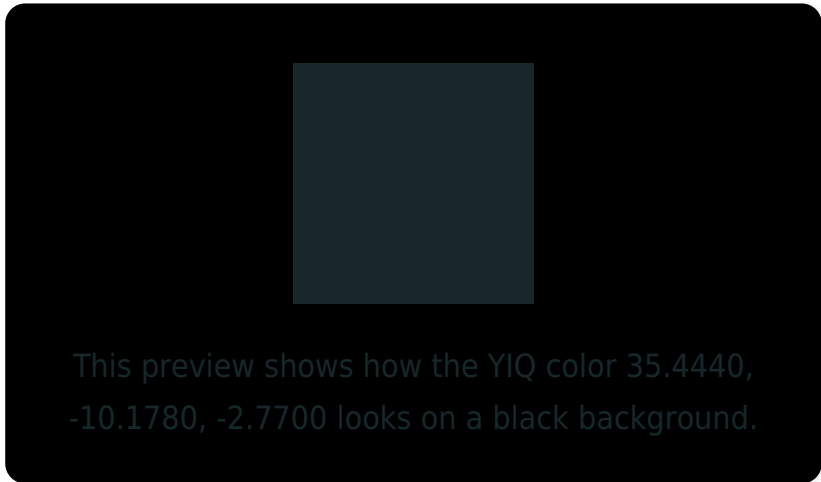
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

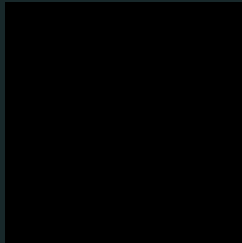
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

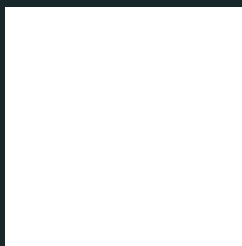
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 35.4440, -10.1780, -2.7700

Background



This preview shows how black text looks on a background with the YIQ color 35.4440, -10.1780, -2.7700.



This preview shows how white text looks on a background with the YIQ color 35.4440, -10.1780,

-2.7700.

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

35.4440, -10.1780, -2.7700

Protanopia

37.3420, -0.9630, 0.9330

Deuteranopia

37.3960, -1.0550, 2.6010



Tritanopia

35.5580, -10.4990, -2.4590

Trichromacy



Original Color

35.4440, -10.1780, -2.7700

Protanomaly

36.5480, -4.5390, -0.3390

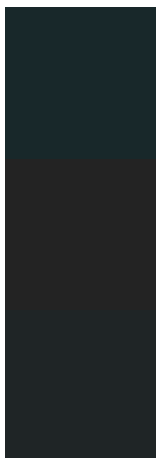
Deuteranomaly

36.4880, -4.3100, 1.0180

Tritanomaly

35.5580, -10.4990, -2.4590

Monochromacy



Original Color

35.4440, -10.1780, -2.7700

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.3200, -3.8970, -0.9610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.4440, -10.1780, -2.7700 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(24, 40, 42)` looks like.

```
.text, #text, p{  
    color:rgb(24, 40, 42)  
}
```

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(24, 40, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 40, 42) }
```

Border

The CSS property to change the border of an element to YIQ 35.4440, -10.1780, -2.7700 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(24, 40, 42) }
```


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

```
.border{ border-color:rgb(24, 40, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 40, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 40, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 40, 42);  
box-shadow:4px 4px 4px 4px rgb(24, 40, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.4440, -10.1780, -2.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 40, 42) }
```

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

```
.background{ background-color: rgb(24, 40,  
42) }
```

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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