

Converting Colors

YIQ(85.7780, -35.0260,
-15.0100)

Have a look what the booklet for
YIQ(85.7780, -35.0260, -15.0100)
contains.

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Color

**YIQ(85.7780, -35.0260,
-15.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	2B6963
RGB	43, 105, 99
RGB Percent	17%, 41%, 39%
CMY	0.8315, 0.5881, 0.6119
CMYK	0.59, 0.00, 0.06, 0.59
HSL	174°, 42%, 29%
HSV	174°, 59%, 41%
XYZ	8.2994, 11.5214, 13.5822
YIQ	85.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

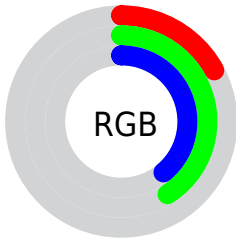
Format	Color
RYB	43, 76, 105
Decimal	2845027
CIELab	40.45, -21.48, -2.61
CIELCh	40, 21.634, 186.934
Yxy	11.5214, 0.2485, 0.3449
Android (android.graphics.Color)	4281035107 (0xFF2B6963)
YUV	85.7780, 6.5184, -37.5163
Hunter-Lab	33.9432, -15.7560, 0.0356

Details

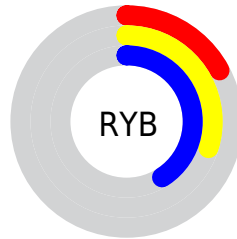
The YIQ color **85.7780, -35.0260, -15.0100** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.2220, 35.0260, 15.0100**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.6640, -34.7050, -15.3210**, and **39.5010, -32.6880, -13.3280** is the 20% darker color. If you saturate the color by 10%, you get **82.3750, -41.2610, -17.6530**, and if you desaturate by 10%, it is **88.8820, -29.3870, -12.5790**.

Distribution



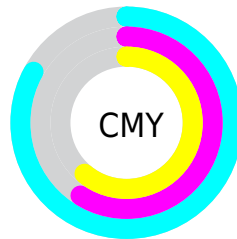
- Red (17%)
- Green (41%)
- Blue (39%)



- Red (17%)
- Yellow (30%)
- Blue (41%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (59%)



- Cyan (83%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.7780, -35.0260, -15.0100 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 85.7780, -35.0260, -15.0100 by changing the saturation by 10% instead.

■ 85.7780, -35.0260,
-15.0100

■ 85.7780, -35.0260,
-15.0100

■ 255.0000, -0.0000,
-0.0000

■ 59.6850, -39.1980,
-16.4940

■ 137.6640,
-34.7050, -15.3210

■ 39.5010, -32.6880,
-13.3280

■ 164.5500,
-34.3840, -15.6320

■ 24.6660, -19.8510,
-9.1870

■ 191.6640,
-34.7050, -15.3210

■ 2.6730, -3.3930,
0.9190

■ 219.9520,
-35.5760, -16.0560

■ 0.0000, 0.0000,
0.0000

■ 239.7510,
-30.3960, -10.8120

■ 248.4220,

-13.1120, -4.6640

■ 85.7780, -35.0260,
-15.0100

■ 85.7780, -35.0260,
-15.0100

■ 82.3750, -41.2610,
-17.6530

■ 88.8820, -29.3870,
-12.5790

■ 79.2710, -46.9000,
-20.0840

■ 92.2850, -23.1520,
-9.9360

■ 75.8680, -53.1350,
-22.7270

■ 95.3890, -17.5130,
-7.5050

■ 72.7640, -58.7740,
-25.1580

■ 98.7920, -11.2780,
-4.8620

■ 72.4650, -59.3700,
-25.3700

■ 101.8960, -5.6390,
-2.4310

■ 105.2990, 0.5960,
0.2120

■ 108.4030, 6.2350,
2.6430

■ 111.8060, 12.4700,
5.2860

■ 114.9100, 18.1090,
7.7170

Harmonies

Analogous

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



89.1190, -17.0530, -15.8450



85.7780, -35.0260, -15.0100



84.4380, -45.5720, -11.1080

Triad

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



85.7780, -35.0260, -15.0100



97.1760, -2.8910, 13.8530



95.5930, 25.9510, -2.2490

Complementary

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



85.7780, -35.0260, -15.0100



62.2220, 35.0260, 15.0100

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.



96.4290, 29.7090, 6.7410



85.7780, -35.0260, -15.0100



98.0270, 13.7060, 15.9300

Square

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



85.7780, -35.0260, -15.0100



94.4940, -21.6420, 6.7580



97.4920, 25.3980, 13.2860



93.9890, 15.7280, -9.7120

Rectangle

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



85.7780, -35.0260, -15.0100



86.8670, -42.2260, -5.6660



97.4920, 25.3980, 13.2860



95.9570, 27.9220, 0.5780

Sweetspot

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



85.7780, -35.0260, -15.0100



130.1830, -13.9370, -6.2330



81.1880, -13.4740, -31.1540



64.2870, -8.2980, -3.8020



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



85.7780, -35.0260, -15.0100



107.5580, -55.1980, -23.8860



71.7870, -30.0770, -0.0690



52.0920, -3.2550, -1.5830



80.7630, -66.2010, -28.2250



169.0090, -138.3160, -59.4040

Inverse Universe

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



62.2220, 35.0260, 15.0100



70.3280, 55.5190, 23.5750



76.2130, 30.0770, 0.0690



49.9080, 3.2550, 1.5830



36.2370, 66.2010, 28.2250



75.9910, 138.3160, 59.4040

Previews

White Background



This preview shows how the YIQ color 85.7780, -35.0260, -15.0100 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 85.7780, -35.0260, -15.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

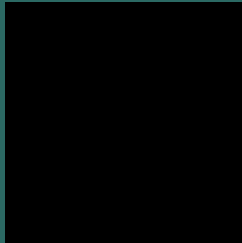
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.7780, -35.0260, -15.0100

Background



This preview shows how black text looks on a background with the YIQ color 85.7780, -35.0260, -15.0100.



This preview shows how white text looks on a background with the YIQ color 85.7780, -35.0260,

-15.0100.

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

85.7780, -35.0260, -15.0100

Protanopia

94.7830, 2.1090, 0.3250

Deuteranopia

95.8310, 2.1540, 5.0180



Tritanopia

87.5810, -35.6690, -8.8610

Trichromacy



Original Color

85.7780, -35.0260, -15.0100

Protanomaly

91.3790, -11.5530, -5.3850

Deuteranomaly

92.3730, -11.4160, -2.3600

Tritanomaly

87.0000, -35.5310, -11.3630

Monochromacy



Original Color

85.7780, -35.0260, -15.0100

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.8950, -13.0660, -5.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.7780, -35.0260, -15.0100 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(43, 105, 99)` looks like.

```
.text, #text, p{  
    color:rgb(43, 105, 99)  
}
```

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(43, 105, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 105, 99) }
```

Border

The CSS property to change the border of an element to YIQ 85.7780, -35.0260, -15.0100 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(43, 105, 99) }
```


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

```
.border{ border-color:rgb(43, 105, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 105, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 105, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 105, 99);  
box-shadow:4px 4px 4px 4px rgb(43, 105,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 85.7780, -35.0260, -15.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 105, 99) }
```

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

```
.background{ background-color: rgb(43, 105,  
99) }
```

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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