

Converting Colors

YIQ(85.6890, -27.8260,
-24.3540)

Have a look what the booklet for
YIQ(85.6890, -27.8260, -24.3540)
contains.

YIQ(85.6890, -27.8260, -24.3540)	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(85.6890, -27.8260,
-24.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	2C6D4B
RGB	44, 109, 75
RGB Percent	17%, 43%, 29%
CMY	0.8276, 0.5724, 0.7060
CMYK	0.60, 0.00, 0.31, 0.57
HSL	149°, 43%, 30%
HSV	149°, 60%, 43%
XYZ	7.7776, 11.9853, 8.5562
YIQ	85.6890, -27.8260, -24.3540

Conversions

Conversions Part 2

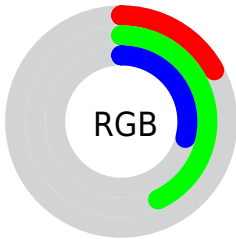
Format	Color
R_{YB}	44, 88, 109
Decimal	2911563
CIE _{Lab}	41.19, -29.45, 12.94
CIE _{LCh}	41, 32.166, 156.273
Yxy	11.9853, 0.2746, 0.4232
Android (android.graphics.Color)	4281101643 (0xFF2C6D4B)
YUV	85.6890, -5.2697, -36.5613
Hunter-Lab	34.6198, -20.4832, 9.5804

Details

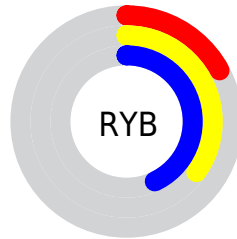
The YIQ color **85.6890, -27.8260, -24.3540** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.3110, 27.8260, 24.3540**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **137.3470, -26.8630, -25.2870**, and **39.3410, -26.7260, -22.2620** is the 20% darker color. If you saturate the color by 10%, you get **81.7160, -32.4560, -28.5520**, and if you desaturate by 10%, it is **89.6620, -23.1960, -20.1560**.

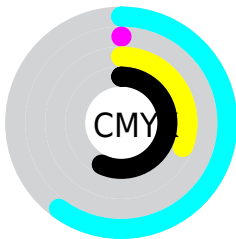
Distribution



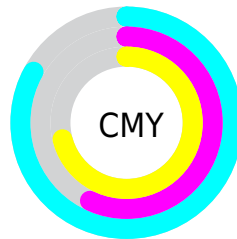
- Red (17%)
- Green (43%)
- Blue (29%)



- Red (17%)
- Yellow (35%)
- Blue (43%)



- Cyan (60%)
- Magenta (0%)
- Yellow (31%)
- Black (57%)



- Cyan (83%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.6890, -27.8260, -24.3540 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 85.6890, -27.8260, -24.3540 by changing the saturation by 10% instead.

■ 85.6890, -27.8260,
-24.3540

■ 85.6890, -27.8260,
-24.3540

■ 255.0000, -0.0000,
-0.0000

■ 59.4220, -31.4480,
-24.7920

■ 137.3470,
-26.8630, -25.2870

■ 39.3410, -26.7260,
-22.2620

■ 163.9340,
-27.1380, -25.8100

■ 23.8050, -13.2930,
-17.9090

■ 191.5210,
-27.4130, -26.3330

■ 4.6960, -2.2000,
-4.1840

■ 219.9940,
-27.3670, -27.1670

■ 0.0000, 0.0000,
0.0000

■ 237.4280,
-22.4170, -17.7530

■ 248.4220,

-13.1120, -4.6640

■ 85.6890, -27.8260,
-24.3540

■ 85.6890, -27.8260,
-24.3540

■ 81.7160, -32.4560,
-28.5520

■ 89.6620, -23.1960,
-20.1560

■ 77.8570, -37.4070,
-32.4390

■ 93.5210, -18.2450,
-16.2690

■ 73.8840, -42.0370,
-36.6370

■ 97.4940, -13.6150,
-12.0710

■ 69.9110, -46.6670,
-40.8350

■ 101.4670, -8.9850,
-7.8730

■ 105.1410, -4.9510,
-3.8870

■ 109.0000, -0.0000,
0.0000

■ 112.9730, 4.6300,
4.1980

■ 116.9460, 9.2600,
8.3960

■ 120.8050, 14.2110,
12.2830

Harmonies

Analogous

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



91.5970, 1.7920, -21.4720



85.6890, -27.8260, -24.3540



76.7850, -63.2670, -26.3310

Triad

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



85.6890, -27.8260, -24.3540



93.3490, -37.2310, 8.4410



97.0670, 42.5920, 10.0480

Complementary

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



85.6890, -27.8260, -24.3540



67.3110, 27.8260, 24.3540

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.



98.5800, 37.1340, 20.8620



85.6890, -27.8260, -24.3540



99.6090, -5.3680, 20.2000

Square

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



85.6890, -27.8260, -24.3540



78.7520, -75.6950, -10.3430



100.0050, 19.9400, 24.1000



96.1120, 37.5510, -3.2250

Rectangle

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



85.6890, -27.8260, -24.3540



78.2500, -68.7700, -20.2100



100.0050, 19.9400, 24.1000



97.4030, 41.7660, 14.0060

Sweetspot

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



85.6890, -27.8260, -24.3540



133.6300, -11.0020, -9.8660



92.6200, 2.9850, -26.5750



65.6030, -6.3720, -5.6680



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



85.6890, -27.8260, -24.3540



106.0470, -44.0540, -38.6300



89.3370, -38.0980, -14.4020



51.8640, -2.6130, -2.2050



75.0630, -50.1510, -43.7750



157.1530, -104.9320, -91.7480

Inverse Universe

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



67.3110, 27.8260, 24.3540



76.9530, 44.0540, 38.6300



63.6630, 38.0980, 14.4020



50.1360, 2.6130, 2.2050



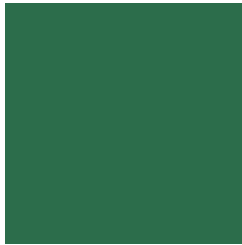
41.9370, 50.1510, 43.7750



87.8470, 104.9320, 91.7480

Previews

White Background



This preview shows how the YIQ color 85.6890, -27.8260, -24.3540 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 85.6890, -27.8260, -24.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

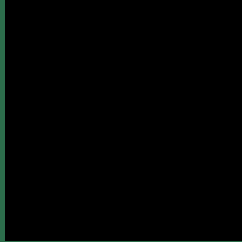
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.6890, -27.8260, -24.3540

Background



This preview shows how black text looks on a background with the YIQ color 85.6890, -27.8260, -24.3540.



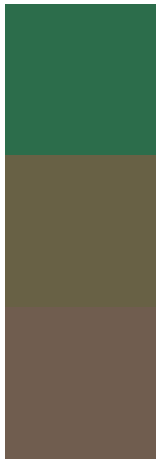
This preview shows how white text looks on a background with the YIQ color 85.6890, -27.8260,

-24.3540.

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

85.6890, -27.8260, -24.3540

Protanopia

95.9010, 13.1600, -7.2240

Deuteranopia

97.0850, 15.8180, -0.3260



Tritanopia

90.6740, -31.4970, -7.3770

Trichromacy



Original Color

85.6890, -27.8260, -24.3540

Protanomaly

91.8990, -1.6940, -13.3580

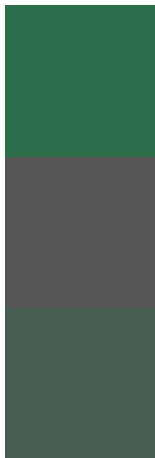
Deuteranomaly

93.0180, -0.4110, -9.0750

Tritanomaly

89.0560, -29.9370, -13.6250

Monochromacy



Original Color

85.6890, -27.8260, -24.3540

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.7550, -9.8560, -8.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.6890, -27.8260, -24.3540 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(44, 109, 75)` looks like.

```
.text, #text, p{  
    color:rgb(44, 109, 75)  
}
```

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(44, 109, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 109, 75) }
```

Border

The CSS property to change the border of an element to YIQ 85.6890, -27.8260, -24.3540 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(44, 109, 75) }
```


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

```
.border{ border-color:rgb(44, 109, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 109, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 109, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 109, 75);  
box-shadow:4px 4px 4px 4px rgb(44, 109,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 85.6890, -27.8260, -24.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 109, 75) }
```

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

```
.background{ background-color: rgb(44, 109,  
75) }
```

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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