

Converting Colors

YIQ(87.5570, -53.4570,
-16.8890)

Have a look what the booklet for
YIQ(87.5570, -53.4570, -16.8890)
contains.

YIQ(87.5570, -53.4570, -16.8890) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**YIQ(87.5570, -53.4570,
-16.8890)**

Conversions

Conversions Part 1	
Format	Color
Hex	1A7176
RGB	26, 113, 118
RGB Percent	10%, 44%, 46%
CMY	0.8982, 0.5567, 0.5375
CMYK	0.78, 0.04, 0.00, 0.54
HSL	183°, 64%, 28%
HSV	183°, 78%, 46%
XYZ	9.6006, 13.3440, 19.1920
YIQ	87.5570, -53.4570, -16.8890

Conversions

Conversions Part 2

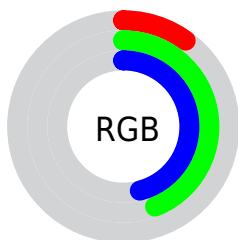
Format	Color
RYB	26, 71, 118
Decimal	1732982
CIELab	43.28, -22.65, -9.94
CIELCh	43, 24.731, 203.687
Yxy	13.3440, 0.2278, 0.3167
Android (android.graphics.Color)	4279923062 (0xFF1A7176)
YUV	87.5570, 15.0084, -53.9855
Hunter-Lab	36.5295, -17.0135, -5.5794

Details

The YIQ color **87.5570, -53.4570, -16.8890** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **56.4430, 53.4570, 16.8890**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **142.2480, -48.0930, -14.9810**, and **46.1350, -40.3450, -12.2250** is the 20% darker color. If you saturate the color by 10%, you get **83.3820, -60.3340, -18.9100**, and if you desaturate by 10%, it is **91.7320, -46.5800, -14.8680**.

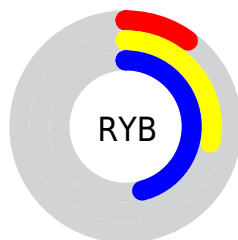
Distribution



Red (10%)

Green (44%)

Blue (46%)



Red (10%)

Yellow (28%)

Blue (46%)

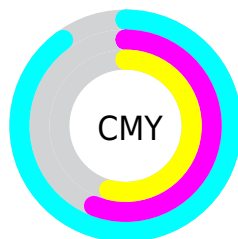


Cyan (78%)

Magenta (4%)

Yellow (0%)

Black (54%)



Cyan (90%)

Magenta (56%)


Yellow (54%)


Brightness & Saturation


Gradients


These gradients show how the YIQ color 87.5570, -53.4570, -16.8890 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 87.5570, -53.4570, -16.8890 by changing the saturation by 10% instead.


 87.5570, -53.4570,
-16.8890


 87.5570, -53.4570,
-16.8890


 255.0000, -0.0000,
-0.0000


 62.2580, -54.0530,
-17.1010


 142.2480,
-48.0930, -14.9810


 46.1350, -40.3450,
-12.2250


 169.5470,
-47.4970, -14.7690


 30.0120, -26.6370,
-7.3490

 197.5470,
-47.4970, -14.7690

 15.4050, -14.4420,
-2.5860

 226.2480,
-48.0930, -14.9810

 0.0000, 0.0000,
0.0000

 238.2560,
-33.3760, -11.8720

 247.2260,

-15.4960, -5.5120

■ 87.5570, -53.4570,
-16.8890

■ 87.5570, -53.4570,
-16.8890

■ 83.3820, -60.3340,
-18.9100

■ 91.7320, -46.5800,
-14.8680

■ 79.7940, -67.4860,
-21.4540

■ 95.3200, -39.4280,
-12.3240

■ 79.1960, -68.6780,
-21.8780

■ 99.1960, -33.1470,
-10.5150

■ 103.3710,
-26.2700, -8.4940

■ 106.9590,
-19.1180, -5.9500

■ 111.1340,
-12.2410, -3.9290

■ 114.7220, -5.0890,
-1.3850

■ 118.5980, 1.1920,
0.4240

■ 122.7730, 8.0690,
2.4450

Harmonies

Analogous

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



92.3390, -32.4120, -18.3320



87.5570, -53.4570, -16.8890



90.4140, -54.1920, -9.0720

Triad

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



87.5570, -53.4570, -16.8890



104.9710, 8.1120, 18.1920



100.9470, 24.7140, -7.3660

Complementary

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



87.5570, -53.4570, -16.8890



56.4430, 53.4570, 16.8890

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.



102.3490, 32.6900, 2.2740



87.5570, -53.4570, -16.8890



104.8280, 24.5720, 17.2440

Square

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



87.5570, -53.4570, -16.8890



103.6740, -13.1610, 12.7510



103.4450, 32.7800, 11.6600



99.1190, 9.3100, -14.5460

Rectangle

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



87.5570, -53.4570, -16.8890



95.3280, -41.9060, -0.4500



103.4450, 32.7800, 11.6600



101.7950, 28.1980, -4.4260

Sweetspot

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



87.5570, -53.4570, -16.8890



141.3610, -20.3100, -6.3740



80.5740, -26.9050, -46.5610



69.2480, -12.5620, -3.6180



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



87.5570, -53.4570, -16.8890



105.2480, -83.6240, -26.3440



60.5550, -40.8070, 7.1690



56.6190, -3.3010, -0.7490



82.0000, -71.0620, -22.7260



167.6190, -145.4250, -46.2010

Inverse Universe

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



63.4260, 26.9050, 46.5610



67.5600, 42.1680, 72.8240



83.4450, 40.8070, -7.1690



55.3640, 1.9710, 2.8270



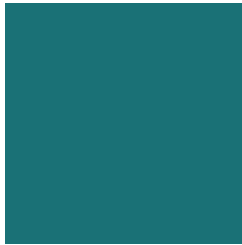
49.7020, 35.4760, 61.9400



101.7680, 72.9230, 126.7070

Previews

White Background



This preview shows how the YIQ color 87.5570, -53.4570, -16.8890 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 87.5570, -53.4570, -16.8890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

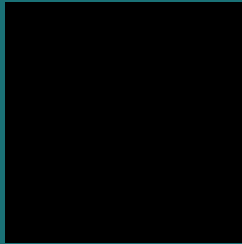
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.5570, -53.4570, -16.8890

Background



This preview shows how black text looks on a background with the YIQ color 87.5570, -53.4570, -16.8890.



This preview shows how white text looks on a background with the YIQ color 87.5570, -53.4570, -16.8890.

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

87.5570, -53.4570, -16.8890

Protanopia

102.0260, -2.8890, 2.7990

Deuteranopia

102.4050, -5.2740, 7.4780



Tritanopia

88.3230, -52.6780, -14.4860

Trichromacy

	Original Color 87.5570, -53.4570, -16.8890
	Protanomaly 96.6430, -21.0440, -4.0840
	Deuteranomaly 96.8540, -23.0160, -1.3840
	Tritanomaly 87.9100, -52.9530, -15.0090

Monochromacy

	Original Color 87.5570, -53.4570, -16.8890
	Achromatopsia 88.0000, -0.0000, -0.0000
	Achromatomaly 87.6600, -19.7140, -6.1620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.5570, -53.4570, -16.8890 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(26, 113, 118)` looks like.

```
.text, #text, p{  
    color:rgb(26, 113, 118)  
}
```

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(26, 113, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 113, 118) }
```

Border

The CSS property to change the border of an element to YIQ 87.5570, -53.4570, -16.8890 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(26, 113, 118) }
```


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

```
.border{ border-color:rgb(26, 113, 118) }
```

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

Here you see how a box with a 4 pixel rgb(26, 113, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 113, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 113, 118);  
box-shadow:4px 4px 4px 4px rgb(26, 113,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 87.5570, -53.4570, -16.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 113, 118) }
```

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

```
.background{ background-color: rgb(26, 113,  
118) }
```

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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