

Converting Colors

YIQ(82.5590, -11.0990, 19.4370)

Have a look what the booklet for
YIQ(82.5590, -11.0990, 19.4370)
contains.

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Color

**YIQ(82.5590, -11.0990,
19.4370)**

Conversions

Conversions Part 1

Format	Color
Hex	544980
RGB	84, 73, 128
RGB Percent	33%, 29%, 50%
CMY	0.6705, 0.7137, 0.4981
CMYK	0.34, 0.43, 0.00, 0.50
HSL	252°, 27%, 39%
HSV	252°, 43%, 50%
XYZ	9.9346, 8.2080, 21.4751
YIQ	82.5590, -11.0990, 19.4370

Conversions

Conversions Part 2

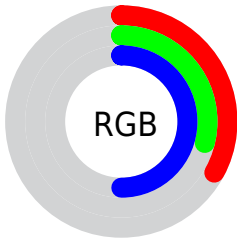
Format	Color
R_{YB}	84, 73, 128
Decimal	5523840
CIE _{Lab}	34.41, 18.23, -29.50
CIE _{LCh}	34, 34.680, 301.718
Yxy	8.2080, 0.2508, 0.2072
Android (android.graphics.Color)	4283713920 (0xFF544980)
YUV	82.5590, 22.4024, 1.2638
Hunter-Lab	28.6495, 11.7606, -24.3880

Details

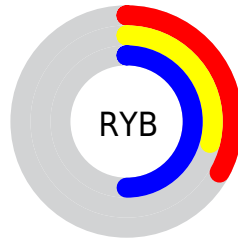
The YIQ color **82.5590, -11.0990, 19.4370** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **118.4410, 11.0990, -19.4370**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **132.6130, -11.1910, 21.1050**, and **36.3800, -12.1530, 16.5110** is the 20% darker color. If you saturate the color by 10%, you get **71.9380, -13.4840, 24.1160**, and if you desaturate by 10%, it is **93.1800, -8.7140, 14.7580**.

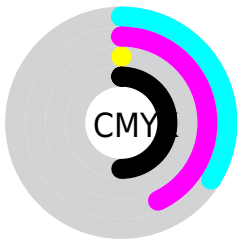
Distribution



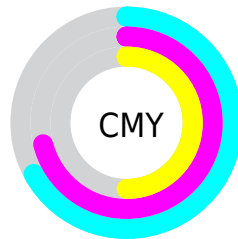
- Red (33%)
- Green (29%)
- Blue (50%)



- Red (33%)
- Yellow (29%)
- Blue (50%)



- Cyan (34%)
- Magenta (43%)
- Yellow (0%)
- Black (50%)



- Cyan (67%)
- Magenta (71%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.5590, -11.0990, 19.4370 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 82.5590, -11.0990, 19.4370 by changing the saturation by 10% instead.

■ 82.5590, -11.0990,
19.4370

■ 82.5590, -11.0990,
19.4370

■ 255.0000, -0.0000,
-0.0000

■ 58.7330, -11.6490,
18.3910

■ 132.6130,
-11.1910, 21.1050

■ 36.3800, -12.1530,
16.5110

■ 158.5530,
-10.9620, 22.4620

■ 13.3800, -12.1530,
16.5110

■ 185.9660,
-10.6870, 22.9850

■ 4.9360, -11.1430,
9.2170

■ 212.8260, -7.4770,
19.8750

■ 0.6840, -1.9260,
1.8660

■ 237.9330, 2.1070,
11.3790

■ 0.0000, 0.0000,
0.0000

■ 82.5590, -11.0990,
19.4370

■ 82.5590, -11.0990,
19.4370

■ 71.9380, -13.4840,
24.1160

■ 93.1800, -8.7140,
14.7580

■ 61.3170, -15.8690,
28.7950

■ 103.8010, -6.3290,
10.0790

■ 50.9840, -19.1250,
32.7390

■ 114.1340, -3.0730,
6.1350

■ 40.3630, -21.5100,
37.4180

■ 124.7550, -0.6880,
1.4560

■ 29.7420, -23.8950,
42.0970

■ 135.3760, 1.6970,
-3.2230

■ 22.3660, -25.5920,
45.3200

■ 145.9970, 4.0820,
-7.9020

■ 156.9170, 7.0630,
-12.3690

■ 166.9510, 9.7230,

-16.5250

■ 177.5720, 12.1080,
-21.2040

Harmonies

Analogous

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



71.1020, -52.7730, 3.7630



82.5590, -11.0990, 19.4370



83.3900, 17.4180, 25.7540

Triad

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



82.5590, -11.0990, 19.4370



79.7210, 40.2100, -1.8540



64.5260, -52.1720, -23.6600

Complementary

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



82.5590, -11.0990, 19.4370



118.4410, 11.0990, -19.4370

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.



67.9340, -27.1380, -25.8100



82.5590, -11.0990, 19.4370



77.8730, 27.5580, -14.8580

Square

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



82.5590, -11.0990, 19.4370



80.1320, 43.9670, 12.6630



75.2230, 5.7810, -22.1790



67.6040, -60.8390, -15.2630

Rectangle

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



82.5590, -11.0990, 19.4370



81.6920, 31.1270, 25.1030



75.2230, 5.7810, -22.1790



63.3860, -48.9620, -26.7700

Sweetspot

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



82.5590, -11.0990, 19.4370



148.0030, -4.0820, 7.9020



105.0980, -29.7550, -5.9070



73.0800, -2.9810, 4.4670



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



82.5590, -11.0990, 19.4370



94.8870, -17.4740, 30.3500



90.6320, 4.9930, 25.1610



58.3960, -1.0550, 2.6010



22.3660, -25.5920, 45.3200



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.4610, 18.6560, 25.3440



113.4660, 29.4280, 39.3800



110.0690, -5.5890, -25.3730



59.6630, 2.5670, 3.0390



49.9000, 43.5460, 58.8580



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 82.5590, -11.0990, 19.4370 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



This preview shows how the YIQ color 82.5590, -11.0990, 19.4370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

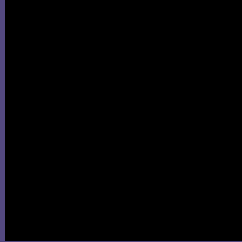
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.5590, -11.0990, 19.4370

Background



This preview shows how black text looks on a background with the YIQ color 82.5590, -11.0990, 19.4370.



This preview shows how white text looks on a background with the YIQ color 82.5590, -11.0990,

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

82.5590, -11.0990, 19.4370

Protanopia

79.2900, -29.5750, 12.8650

Deuteranopia

78.9540, -28.7490, 8.9070



Tritanopia

80.5910, -6.0980, 0.3820

Trichromacy



Original Color

82.5590, -11.0990, 19.4370

Protanomaly

80.5790, -23.0190, 15.1970

Deuteranomaly

80.2970, -22.2850, 12.9070

Tritanomaly

81.4370, -8.3000, 7.2520

Monochromacy



Original Color

82.5590, -11.0990, 19.4370

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.4760, -4.0360, 7.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.5590, -11.0990, 19.4370 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(84, 73, 128)` looks like.

```
.text, #text, p{  
    color:rgb(84, 73, 128)  
}
```

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(84, 73, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 73, 128) }
```

Border

The CSS property to change the border of an element to YIQ 82.5590, -11.0990, 19.4370 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(84, 73, 128) }
```


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

```
.border{ border-color:rgb(84, 73, 128) }
```

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

Here you see how a box with a 4 pixel rgb(84, 73, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 73, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 73, 128);  
box-shadow:4px 4px 4px 4px rgb(84, 73,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 82.5590, -11.0990, 19.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 73, 128) }
```

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

```
.background{ background-color: rgb(84, 73,  
128) }
```

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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