

Converting Colors

YIQ(53.7270, -11.5120, 21.4160)

Have a look what the booklet for
YIQ(53.7270, -11.5120, 21.4160)
contains.

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Color

**YIQ(53.7270, -11.5120,
21.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	382B67
RGB	56, 43, 103
RGB Percent	22%, 17%, 40%
CMY	0.7803, 0.8314, 0.5962
CMYK	0.46, 0.58, 0.00, 0.60
HSL	253°, 41%, 29%
HSV	253°, 58%, 40%
XYZ	4.9425, 3.5474, 13.2500
YIQ	53.7270, -11.5120, 21.4160

Conversions

Conversions Part 2

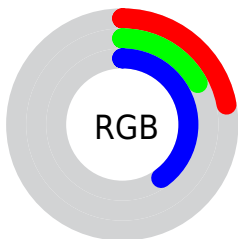
Format	Color
R_{YB}	56, 43, 103
Decimal	3681127
CIE _{Lab}	22.11, 22.34, -33.39
CIE _{LCh}	22, 40.177, 303.780
Yxy	3.5474, 0.2273, 0.1632
Android (android.graphics.Color)	4281871207 (0xFF382B67)
YUV	53.7270, 24.2916, 1.9934
Hunter-Lab	18.8346, 13.8811, -28.5258

Details

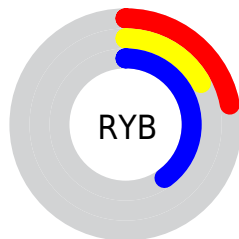
The YIQ color **53.7270, -11.5120, 21.4160** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **92.2730, 11.5120, -21.4160**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.6070, -11.0540, 24.1300**, and **9.2600, -11.6950, 19.2250** is the 20% darker color. If you saturate the color by 10%, you get **45.4650, -13.5300, 24.9500**, and if you desaturate by 10%, it is **61.9890, -9.4940, 17.8820**.

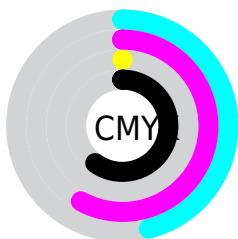
Distribution



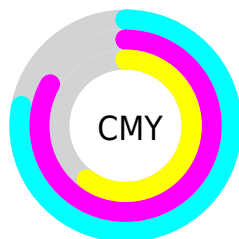
- Red (22%)
- Green (17%)
- Blue (40%)



- Red (22%)
- Yellow (17%)
- Blue (40%)



- Cyan (46%)
- Magenta (58%)
- Yellow (0%)
- Black (60%)



- Cyan (78%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.7270, -11.5120, 21.4160 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 53.7270, -11.5120, 21.4160 by changing the saturation by 10% instead.

■ 53.7270, -11.5120,
21.4160

■ 53.7270, -11.5120,
21.4160

■ 255.0000, -0.0000,
-0.0000

■ 31.1890, -12.9330,
19.6350

■ 101.6070,
-11.0540, 24.1300

■ 9.2600, -11.6950,
19.2250

■ 127.4330,
-10.5040, 25.1760

■ 4.9360, -11.1430,
9.2170

■ 152.9600,
-10.5500, 26.0100

■ 0.6840, -1.9260,
1.8660

■ 180.4870,
-10.5960, 26.8440

■ 0.0000, 0.0000,
0.0000

■ 206.6460, -6.7900,
23.9460

■ 231.7530, 2.7940,

15.4500

251.4780, 1.6500,
3.1380

53.7270, -11.5120,
21.4160

53.7270, -11.5120,
21.4160

45.4650, -13.5300,
24.9500

61.9890, -9.4940,
17.8820

36.6160, -15.2730,
29.0070

70.8380, -7.7510,
13.8250

28.3540, -17.2910,
32.5410

79.1000, -5.7330,
10.2910

20.0920, -19.3090,
36.0750

87.3620, -3.7150,
6.7570

18.3200, -19.9510,
36.6970

95.6240, -1.6970,
3.2230

■ 104.4730, 0.0460,
-0.8340

■ 112.7350, 2.0640,
-4.3680

■ 121.2960, 4.6780,
-7.6900

■ 130.1450, 6.4210,
-11.7470

Harmonies

Analogous

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



45.7540, -51.6730, 5.8550



53.7270, -11.5120, 21.4160



51.5910, 21.4060, 30.5740

Triad

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



53.7270, -11.5120, 21.4160



49.7810, 39.9810, -3.2110



45.1260, -36.1260, -17.1020

Complementary

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



53.7270, -11.5120, 21.4160



92.2730, 11.5120, -21.4160

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.



40.4180, -25.6250, -25.6970



53.7270, -11.5120, 21.4160



49.9480, 22.9730, -14.3630

Square

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



53.7270, -11.5120, 21.4160



47.9690, 45.9840, 14.6560



44.7880, 2.5720, -24.5960



48.4320, -45.4350, -8.0830

Rectangle

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



53.7270, -11.5120, 21.4160



47.3170, 36.8570, 31.3930



44.7880, 2.5720, -24.5960



43.9860, -32.9160, -20.2120

Sweetspot

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



53.7270, -11.5120, 21.4160



114.1170, -4.4030, 8.2130



77.4290, -32.1850, -5.9210



55.3790, -2.3850, 4.6790



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



53.7270, -11.5120, 21.4160



56.5820, -17.9330, 33.1630



62.6970, 6.3680, 27.7760



46.8690, -1.0090, 1.7670



20.5850, -22.0150, 41.0650



43.4350, -46.0940, 86.4980

Inverse Universe

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



66.2980, 20.6730, 27.3370



76.0150, 32.3160, 42.1080



83.3030, -6.3680, -27.7760



47.9510, 1.6960, 2.3040



44.6450, 39.6500, 52.3700



94.0180, 83.2420, 110.3940

Previews

White Background



This preview shows how the YIQ color 53.7270, -11.5120, 21.4160 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 53.7270, -11.5120, 21.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

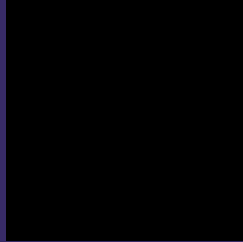
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.7270, -11.5120, 21.4160

Background



This preview shows how black text looks on a background with the YIQ color 53.7270, -11.5120, 21.4160.



This preview shows how white text looks on a background with the YIQ color 53.7270, -11.5120,

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

53.7270, -11.5120, 21.4160

Protanopia

42.3630, -49.0140, 7.2260

Deuteranopia

42.5280, -45.3450, 1.3030



Tritanopia

52.1670, -7.8400, -1.0880

Trichromacy



Original Color

53.7270, -11.5120, 21.4160

Protanomaly

46.3540, -35.6270, 12.4130

Deuteranomaly

46.5020, -33.2880, 8.5680

Tritanomaly

52.8390, -9.4920, 6.8280

Monochromacy



Original Color

53.7270, -11.5120, 21.4160

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.0030, -4.0820, 7.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7270, -11.5120, 21.4160 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(56, 43, 103)` looks like.

```
.text, #text, p{  
    color:rgb(56, 43, 103)  
}
```

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(56, 43, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 43, 103) }
```

Border

The CSS property to change the border of an element to YIQ 53.7270, -11.5120, 21.4160 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(56, 43, 103) }
```


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

```
.border{ border-color:rgb(56, 43, 103) }
```

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

Here you see how a box with a 4 pixel rgb(56, 43, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 43, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 43, 103);  
box-shadow:4px 4px 4px 4px rgb(56, 43,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 53.7270, -11.5120, 21.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 43, 103) }
```

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

```
.background{ background-color: rgb(56, 43,  
103) }
```

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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