

Converting Colors

YIQ(153.5950, -2.7530, 11.3510)

Have a look what the booklet for
YIQ(153.5950, -2.7530, 11.3510)
contains.

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Color

**YIQ(153.5950, -2.7530,
11.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	9E93B0
RGB	158, 147, 176
RGB Percent	62%, 58%, 69%
CMY	0.3803, 0.4235, 0.3098
CMYK	0.10, 0.16, 0.00, 0.31
HSL	263°, 16%, 63%
HSV	263°, 16%, 69%
XYZ	32.3714, 31.2705, 45.3995
YIQ	153.5950, -2.7530, 11.3510

Conversions

Conversions Part 2

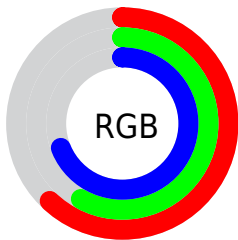
Format	Color
RYB	158, 147, 176
Decimal	10392496
CIELab	62.74, 9.80, -13.66
CIELCh	63, 16.815, 305.647
Yxy	31.2705, 0.2969, 0.2868
Android (android.graphics.Color)	4288582576 (0xFF9E93B0)
YUV	153.5950, 11.0457, 3.8632
Hunter-Lab	55.9200, 5.4713, -8.9914

Details

The YIQ color **153.5950, -2.7530, 11.3510** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **169.4050, 2.7530, -11.3510**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.1220, -2.7990, 12.1850**, and **102.0680, -2.7070, 10.5170** is the 20% darker color. If you saturate the color by 10%, you get **139.7400, -4.3590, 18.4330**, and if you desaturate by 10%, it is **167.4500, -1.1470, 4.2690**.

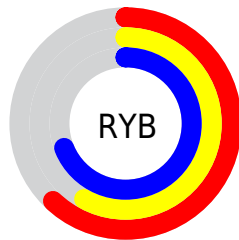
Distribution



Red (62%)

Green (58%)

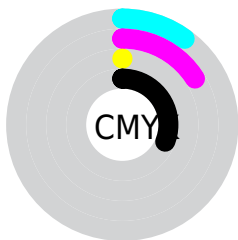
Blue (69%)



Red (62%)

Yellow (58%)

Blue (69%)

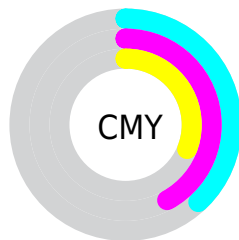


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (31%)



Cyan (38%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.5950, -2.7530, 11.3510 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 153.5950, -2.7530, 11.3510 by changing the saturation by 10% instead.

■ 153.5950, -2.7530,
11.3510

■ 153.5950, -2.7530,
11.3510

255.0000, -0.0000,
-0.0000

■ 127.4810, -2.4320,
11.0400

■ 208.1220, -2.7990,
12.1850

■ 102.0680, -2.7070,
10.5170

■ 235.5520, -1.1940,
10.6300

■ 78.6550, -2.9820,
9.9940

■ 55.5410, -2.6610,
9.6830

■ 34.0140, -2.6150,
8.8490

■ 11.2640, -0.3230,
11.3650

■ 0.3420, -0.9630,

0.9330

0.0000, 0.0000,
0.0000

153.5950, -2.7530,
11.3510

153.5950, -2.7530,
11.3510

139.7400, -4.3590,
18.4330

167.4500, -1.1470,
4.2690

126.4720, -6.2400,
24.9920

180.7180, 0.7340,
-2.2900

112.6170, -7.8460,
32.0740

194.5730, 2.3400,
-9.3720

99.3490, -9.7270,
38.6330

207.8410, 4.2210,
-15.9310

85.4940, -11.3330,
45.7150

221.6960, 5.8270,
-23.0130

71.9380, -12.3430,
53.0090

235.2520, 6.8370,
-30.3070

58.6700, -14.2240,
59.5680

239.7150, 12.8430,
-29.0210

44.8150, -15.8300,
66.6500

243.0040, 19.3990,
-26.6890

40.0970, -16.5640,
68.9400

245.9940, 25.3590,
-24.5690

Harmonies

Analogous

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



151.1200, -17.6530, 6.0510



153.5950, -2.7530, 11.3510



154.6630, 11.7350, 13.1030

Triad

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



153.5950, -2.7530, 11.3510



152.5650, 23.1540, -1.1180



145.8610, -24.8940, -11.4060

Complementary

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



153.5950, -2.7530, 11.3510



169.4050, 2.7530, -11.3510

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.



147.1520, -12.6520, -13.0040



153.5950, -2.7530, 11.3510



151.2710, 14.9940, -7.4220

Square

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



153.5950, -2.7530, 11.3510



153.7490, 25.8120, 5.7800



149.1060, 2.1570, -11.5630



146.6740, -31.4970, -7.3770

Rectangle

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



153.5950, -2.7530, 11.3510



154.2570, 18.7500, 12.6220



149.1060, 2.1570, -11.5630



146.1880, -21.5010, -12.3250

Sweetspot

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



153.5950, -2.7530, 11.3510



220.5640, -1.4680, 4.5800



160.8720, -14.2590, -0.3950



109.3960, -1.0550, 2.6010



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



153.5950, -2.7530, 11.3510



194.3270, -4.6340, 17.9100



157.7810, 5.5910, 14.3190



82.2220, -0.5050, 3.6470



34.7840, -14.5450, 59.8790



5.9540, -2.3860, 10.2060

Inverse Universe

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



157.7230, 11.5060, 11.7460



200.9460, 18.4280, 18.4600



165.2190, -5.5910, -14.3190



83.3750, 3.4380, 3.7740



56.5770, 60.6930, 61.9810



9.5980, 10.3600, 10.4880

Previews

White Background



This preview shows how the YIQ color 153.5950, -2.7530, 11.3510 looks on a white 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

Black Background



This preview shows how the YIQ color 153.5950, -2.7530, 11.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

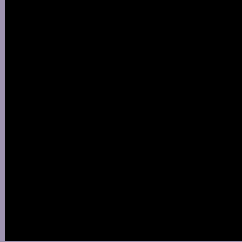
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.5950, -2.7530, 11.3510

Background



This preview shows how black text looks on a background with the YIQ color 153.5950, -2.7530, 11.3510.



This preview shows how white text looks on a background with the YIQ color 153.5950, -2.7530,

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

153.5950, -2.7530, 11.3510

Protanopia

151.9960, -11.3720, 7.8600

Deuteranopia

153.2850, -4.8160, 10.1920



Tritanopia

153.0480, 0.0450, 4.6930

Trichromacy



Original Color

153.5950, -2.7530, 11.3510

Protanomaly

152.4910, -8.3920, 8.9200

Deuteranomaly

153.5840, -4.2200, 10.4040

Tritanomaly

153.3300, -0.6890, 6.9830

Monochromacy



Original Color

153.5950, -2.7530, 11.3510

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.4500, -1.1470, 4.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.5950, -2.7530, 11.3510 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(158, 147, 176)` looks like.

```
.text, #text, p{  
    color:rgb(158, 147, 176)  
}
```

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(158, 147, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 147, 176) }
```

Border

The CSS property to change the border of an element to YIQ 153.5950, -2.7530, 11.3510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

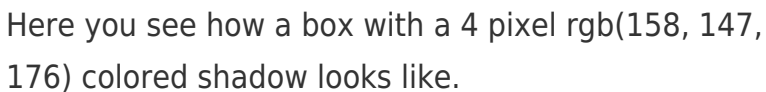
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 147, 176) }
```


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

```
.border{ border-color:rgb(158, 147, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 147, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 147, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 147, 176); box-shadow:4px 4px 4px 4px rgb(158, 147, 176) }
```

Background

The CSS property to change the background color of an element to YIQ 153.5950, -2.7530, 11.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 147, 176) }
```

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

```
.background{ background-color: rgb(158,  
147, 176) }
```

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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