

Converting Colors

YIQ(131.8350, -11.6960,
24.7520)

Have a look what the booklet for
YIQ(131.8350, -11.6960, 24.7520)
contains.

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Color

**YIQ(131.8350, -11.6960,
24.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	8877BB
RGB	136, 119, 187
RGB Percent	53%, 47%, 73%
CMY	0.4666, 0.5334, 0.2668
CMYK	0.27, 0.36, 0.00, 0.27
HSL	255°, 33%, 60%
HSV	255°, 36%, 73%
XYZ	25.7197, 22.0148, 49.8932
YIQ	131.8350, -11.6960, 24.7520

Conversions

Conversions Part 2

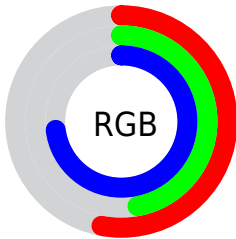
Format	Color
R _Y B	136, 119, 187
Decimal	8943547
CIE Lab	54.04, 21.50, -33.43
CIE LCh	54, 39.742, 302.744
Yxy	22.0148, 0.2634, 0.2255
Android (android.graphics.Color)	4287133627 (0xFF8877BB)
YUV	131.8350, 27.1963, 3.6527
Hunter-Lab	46.9199, 15.7371, -30.2033

Details

The YIQ color **131.8350, -11.6960, 24.7520** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **174.1650, 11.6960, -24.7520**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1880, -11.1920, 26.6320**, and **81.3680, -11.8790, 22.5610** is the 20% darker color. If you saturate the color by 10%, you get **116.4960, -14.8150, 31.7210**, and if you desaturate by 10%, it is **147.1740, -8.5770, 17.7830**.

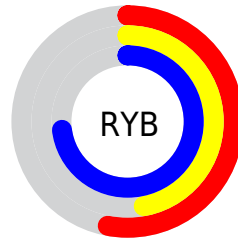
Distribution



Red (53%)

Green (47%)

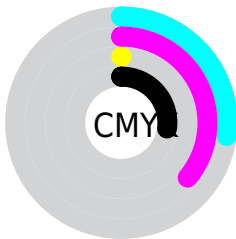
Blue (73%)



Red (53%)

Yellow (47%)

Blue (73%)

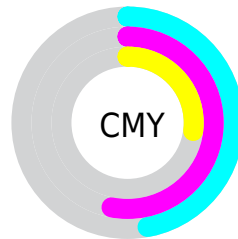


Cyan (27%)

Magenta (36%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (53%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.8350, -11.6960, 24.7520 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 131.8350, -11.6960, 24.7520 by changing the saturation by 10% instead.

■ 131.8350,
-11.6960, 24.7520

■ 131.8350,
-11.6960, 24.7520

■ 255.0000, -0.0000,
-0.0000

■ 106.3080,
-11.6500, 23.9180

■ 185.1880,
-11.1920, 26.6320

■ 81.3680, -11.8790,
22.5610

■ 211.3640, -6.0560,
21.6560

■ 58.1290, -12.7040,
20.9920

■ 236.4710, 3.5280,
13.1600

■ 35.4770, -13.8040,
18.9000

■ 11.2920, -14.7210,
18.9990

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,

3.8310

■ 0.0000, 0.0000,
0.0000

■ 131.8350,
-11.6960, 24.7520

■ 131.8350,
-11.6960, 24.7520

■ 116.4960,
-14.8150, 31.7210

■ 147.1740, -8.5770,
17.7830

■ 101.7440,
-18.2090, 38.1670

■ 161.9260, -5.1830,
11.3370

■ 86.4050, -21.3280,
45.1360

■ 177.2650, -2.0640,
4.3680

■ 71.0660, -24.4470,
52.1050

■ 192.6040, 1.0550,
-2.6010

■ 56.3140, -27.8410,
58.5510

■ 207.3560, 4.4490,
-9.0470

■ 40.9750, -30.9600,
65.5200

■ 222.6950, 7.5680,
-16.0160

■ 35.3710, -32.0150,
68.1210

■ 238.0340, 10.6870,
-22.9850

■ 245.1550, 17.6560,
-22.6320

■ 247.2480, 21.8280,
-21.1480

Harmonies

Analogous

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



122.6660, -54.2410, 8.3430



131.8350, -11.6960, 24.7520



132.6020, 22.8730, 31.5210

Triad

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



131.8350, -11.6960, 24.7520



128.2830, 50.2510, -2.1090



101.2230, -82.4760, -36.1400

Complementary

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



131.8350, -11.6960, 24.7520



174.1650, 11.6960, -24.7520

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.



115.3200, -31.4010, -31.1530



131.8350, -11.6960, 24.7520



125.8150, 33.4730, -17.4310

Square

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



131.8350, -11.6960, 24.7520



129.7590, 55.3830, 15.0230



122.0610, 6.0570, -27.1830



104.5120, -93.1150, -25.0430

Rectangle

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



131.8350, -11.6960, 24.7520



131.6440, 40.2500, 30.4740



122.0610, 6.0570, -27.1830



101.3610, -74.1770, -37.8650

Sweetspot

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



131.8350, -11.6960, 24.7520



220.7580, -4.7700, 9.3580



156.6890, -35.8530, -5.5250



109.0200, -2.7520, 5.8240



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



131.8350, -11.6960, 24.7520



155.8580, -18.5300, 38.4780



142.0010, 8.5680, 31.9600



86.6240, -1.6970, 3.2230



29.9720, -26.8780, 57.6180



5.9260, -5.1830, 11.3370

Inverse Universe

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



145.1460, 24.1570, 30.2770



176.8140, 37.4960, 47.3520



163.9990, -8.5680, -31.9600



88.4890, 3.1170, 4.0850



60.6940, 56.2900, 70.1940



11.8910, 11.0930, 13.7250

Previews

White Background



This preview shows how the YIQ color 131.8350, -11.6960, 24.7520 looks on a white 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

Black Background



This preview shows how the YIQ color 131.8350, -11.6960, 24.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

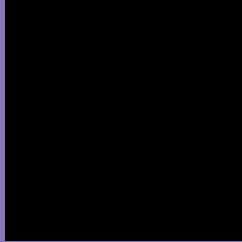
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.8350, -11.6960, 24.7520

Background



This preview shows how black text looks on a background with the YIQ color 131.8350, -11.6960, 24.7520.



This preview shows how white text looks on a background with the YIQ color 131.8350, -11.6960,

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

131.8350, -11.6960, 24.7520

Protanopia

128.3590, -34.0230, 16.3850

Deuteranopia

128.5180, -30.2170, 13.4870



Tritanopia

129.5420, -4.4020, 2.6860

Trichromacy



Original Color

131.8350, -11.6960, 24.7520

Protanomaly

129.5450, -25.6790, 19.3530

Deuteranomaly

129.8610, -23.7530, 17.4870

Tritanomaly

130.0290, -6.9710, 10.7010

Monochromacy



Original Color

131.8350, -11.6960, 24.7520

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.6440, -4.4490, 9.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.8350, -11.6960, 24.7520 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(136, 119, 187)` looks like.

```
.text, #text, p{  
    color:rgb(136, 119, 187)  
}
```

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(136, 119, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 119, 187) }
```

Border

The CSS property to change the border of an element to YIQ 131.8350, -11.6960, 24.7520 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(136, 119, 187) }
```


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

```
.border{ border-color:rgb(136, 119, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 119, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 119, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 119, 187);  
box-shadow:4px 4px 4px 4px rgb(136, 119,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 131.8350, -11.6960, 24.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 119, 187) }
```

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

```
.background{ background-color: rgb(136,  
119, 187) }
```

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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