

Converting Colors

YIQ(131.8770, -11.5140,
32.4700)

Have a look what the booklet for
YIQ(131.8770, -11.5140, 32.4700)
contains.

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Color

**YIQ(131.8770, -11.5140,
32.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	8D72C8
RGB	141, 114, 200
RGB Percent	55%, 45%, 78%
CMY	0.4469, 0.5530, 0.2158
CMYK	0.29, 0.43, 0.00, 0.22
HSL	259°, 44%, 62%
HSV	259°, 43%, 78%
XYZ	27.4277, 21.8663, 57.4010
YIQ	131.8770, -11.5140, 32.4700

Conversions

Conversions Part 2

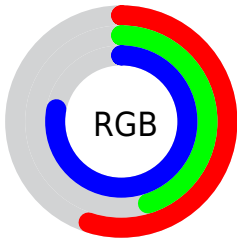
Format	Color
R _Y B	141, 114, 200
Decimal	9269960
CIE Lab	53.88, 29.18, -41.07
CIE LCh	54, 50.386, 305.393
Yxy	21.8663, 0.2571, 0.2049
Android (android.graphics.Color)	4287460040 (0xFF8D72C8)
YUV	131.8770, 33.5846, 8.0009
Hunter-Lab	46.7614, 22.8659, -40.0474

Details

The YIQ color $131.8770, -11.5140, 32.4700$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $182.1230, 11.5140, -32.4700$, and the grayscale version is $132.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $185.1160, -10.6890, 34.0390$, and $81.1110, -12.2930, 30.0670$ is the 20% darker color. If you saturate the color by 10%, you get $115.9510, -14.3580, 39.9620$, and if you desaturate by 10%, it is $147.8030, -8.6700, 24.9780$.

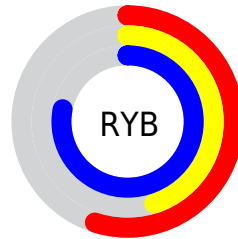
Distribution



Red (55%)

Green (45%)

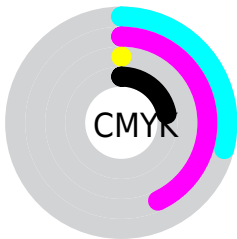
Blue (78%)



Red (55%)

Yellow (45%)

Blue (78%)

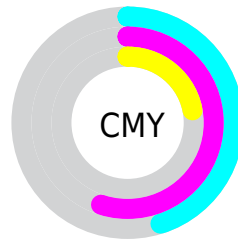


Cyan (29%)

Magenta (43%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (55%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.8770, -11.5140, 32.4700 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 131.8770, -11.5140, 32.4700 by changing the saturation by 10% instead.

■ 131.8770,
-11.5140, 32.4700

■ 131.8770,
-11.5140, 32.4700

■ 255.0000, -0.0000,
-0.0000

■ 105.9370,
-11.7430, 31.1130

■ 185.4150,
-10.0930, 34.2510

■ 80.9970, -11.9720,
29.7560

■ 210.2230, -1.1050,
25.5430

■ 57.3450, -13.0720,
27.6640

■ 235.3300, 8.4790,
17.0470

■ 33.5080, -15.0890,
25.6710

■ 252.0650, 1.3750,
2.6150

■ 9.7740, -18.8940,
23.0420

■ 5.9450, -15.3620,
14.0940

■ 3.4370, -8.3000,

7.2520

■ 0.0000, 0.0000,
0.0000

■ 131.8770,
-11.5140, 32.4700

■ 131.8770,
-11.5140, 32.4700

■ 115.9510,
-14.3580, 39.9620

■ 147.8030, -8.6700,
24.9780

■ 100.3240,
-16.6060, 47.6660

■ 163.4300, -6.4220,
17.2740

■ 84.3980, -19.4500,
55.1580

■ 179.3560, -3.5780,
9.7820

■ 68.4720, -22.2940,
62.6500

■ 195.2820, -0.7340,
2.2900

■ 52.5460, -25.1380,
70.1420

■ 211.2080, 2.1100,
-5.2020

41.6370, -26.6520,
75.5560

226.8350, 4.3580,
-12.9060

242.7610, 7.2020,
-20.3980

247.5340, 15.2710,
-17.9530

248.7300, 17.6550,
-17.1050

Harmonies

Analogous

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



116.3570, -75.2400, 8.9520



131.8770, -11.5140, 32.4700



131.4880, 32.3620, 41.2740

Triad

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



131.8770, -11.5140, 32.4700



125.9220, 61.3930, -5.7990



103.5540, -84.9060, -36.1540

Complementary

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



131.8770, -11.5140, 32.4700



182.1230, 11.5140, -32.4700

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.



102.9420, -57.1200, -44.1280



131.8770, -11.5140, 32.4700



123.0680, 39.7100, -25.8420

Square

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



131.8770, -11.5140, 32.4700



126.8700, 68.3120, 17.4960



118.4100, 3.2160, -36.2720



107.7550, -98.1130, -22.5690

Rectangle

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



131.8770, -11.5140, 32.4700



129.4440, 52.8570, 38.7850



118.4100, 3.2160, -36.2720



101.1430, -79.4950, -40.6070

Sweetspot

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



131.8770, -11.5140, 32.4700



228.7520, -4.6330, 12.3830



159.0240, -44.1060, -4.6340



111.4870, -2.5690, 8.0150



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



131.8770, -11.5140, 32.4700



149.7200, -17.6610, 50.2670



144.4350, 13.5180, 41.3740



91.9230, -1.1010, 3.4350



33.8310, -21.9270, 61.5050



7.3930, -5.0000, 13.5280

Inverse Universe

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



146.4400, 32.3170, 36.5810



172.1410, 50.0570, 56.4970



169.5650, -13.5180, -41.3740



93.3750, 3.4380, 3.7740



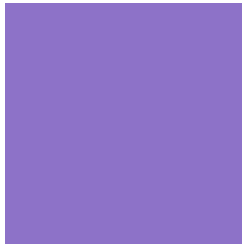
61.5050, 61.1960, 69.3880



13.5000, 13.7520, 15.0960

Previews

White Background



This preview shows how the YIQ color 131.8770, -11.5140, 32.4700 looks on a white background.

Color Contrast Check

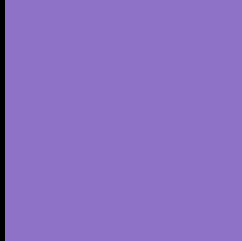
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.8770, -11.5140, 32.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

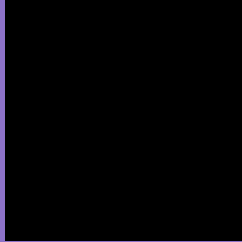
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.8770, -11.5140, 32.4700

Background



This preview shows how black text looks on a background with the YIQ color 131.8770, -11.5140, 32.4700.



This preview shows how white text looks on a background with the YIQ color 131.8770, -11.5140,

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

131.8770, -11.5140, 32.4700

Protanopia

126.4210, -45.7610, 19.8630

Deuteranopia

125.9990, -41.8170, 14.4630



Tritanopia

129.4390, -2.6140, 3.3220

Trichromacy



Original Color

131.8770, -11.5140, 32.4700

Protanomaly

128.7000, -33.2450, 24.3150

Deuteranomaly

128.2610, -30.6310, 20.9930

Tritanomaly

130.3220, -6.2380, 13.9380

Monochromacy



Original Color

131.8770, -11.5140, 32.4700

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.6380, -4.3120, 12.0720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.8770, -11.5140, 32.4700 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(141, 114, 200)` looks like.

```
.text, #text, p{  
    color:rgb(141, 114, 200)  
}
```

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(141, 114, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 114, 200) }
```

Border

The CSS property to change the border of an element to YIQ 131.8770, -11.5140, 32.4700 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(141, 114, 200) }
```


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

```
.border{ border-color:rgb(141, 114, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 114, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 114, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 114, 200);  
box-shadow:4px 4px 4px 4px rgb(141, 114,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 131.8770, -11.5140, 32.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 114, 200) }
```

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

```
.background{ background-color: rgb(141,  
114, 200) }
```

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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