

Converting Colors

YIQ(131.6300, -17.8880,
37.8560)

Have a look what the booklet for
YIQ(131.6300, -17.8880, 37.8560)
contains.

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Color

**YIQ(131.6300, -17.8880,
37.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	8A70D8
RGB	138, 112, 216
RGB Percent	54%, 44%, 85%
CMY	0.4587, 0.5608, 0.1531
CMYK	0.36, 0.48, 0.00, 0.15
HSL	255°, 57%, 64%
HSV	255°, 48%, 85%
XYZ	28.6692, 21.9479, 67.6649
YIQ	131.6300, -17.8880, 37.8560

Conversions

Conversions Part 2

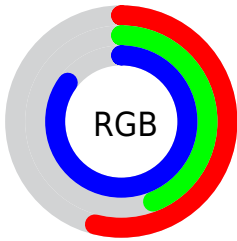
Format	Color
RYB	138, 112, 216
Decimal	9072856
CIELab	53.97, 33.72, -50.03
CIElCh	54, 60.335, 303.979
Yxy	21.9479, 0.2424, 0.1856
Android (android.graphics.Color)	4287262936 (0xFF8A70D8)
YUV	131.6300, 41.5944, 5.5865
Hunter-Lab	46.8486, 27.2491, -52.8404

Details

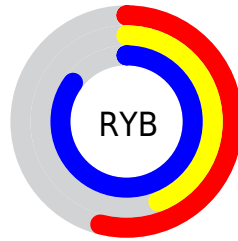
The YIQ color **131.6300, -17.8880, 37.8560** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **196.3700, 17.8880, -37.8560**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.3440, -11.3310, 34.6610**, and **80.0380, -19.2170, 34.4070** is the 20% darker color. If you saturate the color by 10%, you get **113.9320, -21.3740, 45.9700**, and if you desaturate by 10%, it is **149.3280, -14.4020, 29.7420**.

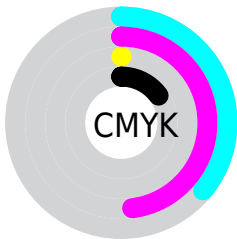
Distribution



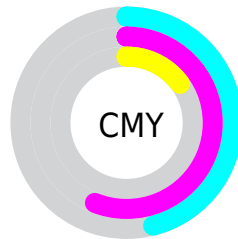
- Red (54%)
- Green (44%)
- Blue (85%)



- Red (54%)
- Yellow (44%)
- Blue (85%)



- Cyan (36%)
- Magenta (48%)
- Yellow (0%)
- Black (15%)



- Cyan (46%)
- Magenta (56%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.6300, -17.8880, 37.8560 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 131.6300, -17.8880, 37.8560 by changing the saturation by 10% instead.

■ 131.6300,
-17.8880, 37.8560

■ 131.6300,
-17.8880, 37.8560

■ 255.0000, -0.0000,
-0.0000

■ 105.3910,
-18.7130, 36.2870

■ 183.3440,
-11.3310, 34.6610

■ 80.0380, -19.2170,
34.4070

■ 207.8640, -1.4720,
26.6880

■ 55.7880, -21.5090,
31.8910

■ 233.2700, 8.7080,
18.4040

■ 30.3420, -26.1850,
28.5270

■ 250.8910, 1.9250,
3.6610

■ 9.4620, -26.6430,
25.8130

■ 6.7260, -18.9390,
18.3490

■ 5.2780, -12.1060,

10.1500

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,
0.0000

■ 131.6300,
-17.8880, 37.8560

■ 131.6300,
-17.8880, 37.8560

■ 113.9320,
-21.3740, 45.9700

■ 149.3280,
-14.4020, 29.7420

■ 96.8210, -25.1350,
53.5610

■ 166.4390,
-10.6410, 22.1510

■ 78.8240, -29.2170,
61.4630

■ 184.4360, -6.5590,
14.2490

■ 61.7130, -32.9780,
69.0540

■ 201.5470, -2.7980,
6.6580

■ 44.0150, -36.4640,
77.1680

■ 219.2450, 0.6880,
-1.4560

■ 40.7700, -37.1520,
78.6240

■ 236.9430, 4.1740,
-9.5700

■ 249.3580, 10.1350,
-12.9770

■ 250.5540, 12.5190,
-12.1290

Harmonies

Analogous

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



104.6330, -111.3680, 2.9040



131.6300, -17.8880, 37.8560



130.6230, 36.7160, 50.4760

Triad

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



131.6300, -17.8880, 37.8560



124.0990, 73.9560, -7.7080



105.2010, -85.4100, -38.0340

Complementary

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



131.6300, -17.8880, 37.8560



196.3700, 17.8880, -37.8560

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.



97.2840, -67.2510, -53.2590



131.6300, -17.8880, 37.8560



119.9750, 52.7330, -36.0910

Square

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



131.6300, -17.8880, 37.8560



124.0890, 81.0570, 23.3050



114.9940, 7.0230, -44.6970



110.4280, -101.5060, -21.6500

Rectangle

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



131.6300, -17.8880, 37.8560



125.9710, 61.9790, 49.6830



114.9940, 7.0230, -44.6970



102.4480, -79.0360, -43.4200

Sweetspot

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



131.6300, -17.8880, 37.8560



225.7950, -6.1920, 13.1040



169.6420, -54.8340, -8.4500



110.0030, -4.0820, 7.9020



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.



131.6300, -17.8880, 37.8560



134.9350, -25.4560, 53.8720



147.1780, 13.1040, 48.8800



98.1510, -1.7430, 4.0570



32.3510, -29.2630, 62.2970



8.1910, -7.2470, 15.7050

Inverse Universe

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



151.9880, 36.9460, 46.3060



163.9060, 52.5770, 65.8970



180.8220, -13.1040, -48.8800



100.2010, 3.9880, 4.8200



65.7210, 60.8280, 76.0600



16.5050, 15.3560, 19.0680

Previews

White Background



This preview shows how the YIQ color 131.6300, -17.8880, 37.8560 looks on a white background.

Color Contrast Check

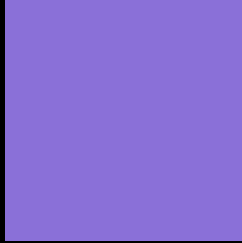
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.6300, -17.8880, 37.8560 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 131.6300, -17.8880, 37.8560

Background



This preview shows how black text looks on a background with the YIQ color 131.6300, -17.8880, 37.8560.



This preview shows how white text looks on a background with the YIQ color 131.6300, -17.8880,

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

131.6300, -17.8880, 37.8560

Protanopia

124.2870, -59.8830, 22.4930

Deuteranopia

123.2020, -58.5060, 14.0540



Tritanopia

128.7480, -7.9780, 1.4140

Trichromacy



Original Color

131.6300, -17.8880, 37.8560

Protanomaly

127.0610, -44.3870, 28.0050

Deuteranomaly

126.0840, -43.1940, 22.9020

Tritanomaly

129.6250, -11.4650, 15.0550

Monochromacy



Original Color

131.6300, -17.8880, 37.8560

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.0230, -6.8340, 13.7260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.6300, -17.8880, 37.8560 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(138, 112, 216)` looks like.

```
.text, #text, p{  
    color:rgb(138, 112, 216)  
}
```

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(138, 112, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 112, 216) }
```

Border

The CSS property to change the border of an element to YIQ 131.6300, -17.8880, 37.8560 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(138, 112, 216) }
```


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

```
.border{ border-color:rgb(138, 112, 216) }
```

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

Here you see how a box with a 4 pixel rgb(138, 112, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 112, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 112, 216);  
box-shadow:4px 4px 4px 4px rgb(138, 112,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 131.6300, -17.8880, 37.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 112, 216) }
```

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

```
.background{ background-color: rgb(138,  
112, 216) }
```

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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