

Converting Colors

YIQ(133.7020, -18.3910,
30.4490)

Have a look what the booklet for
YIQ(133.7020, -18.3910, 30.4490)
contains.

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Color

**YIQ(133.7020, -18.3910,
30.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	8777CE
RGB	135, 119, 206
RGB Percent	53%, 47%, 81%
CMY	0.4705, 0.5333, 0.1923
CMYK	0.34, 0.42, 0.00, 0.19
HSL	251°, 47%, 64%
HSV	251°, 42%, 81%
XYZ	27.7277, 22.7994, 61.3090
YIQ	133.7020, -18.3910, 30.4490

Conversions

Conversions Part 2

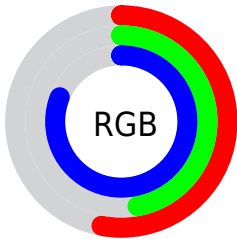
Format	Color
RYB	135, 119, 206
Decimal	8878030
CIELab	54.87, 26.16, -42.97
CIElCh	55, 50.306, 301.330
Yxy	22.7994, 0.2479, 0.2039
Android (android.graphics.Color)	4287068110 (0xFF8777CE)
YUV	133.7020, 35.6429, 1.1383
Hunter-Lab	47.7488, 20.0947, -42.7038

Details

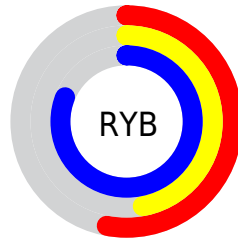
The YIQ color **133.7020, -18.3910, 30.4490** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **191.2980, 18.3910, -30.4490**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5560, -15.0440, 30.3640**, and **82.5230, -19.4450, 27.5230** is the 20% darker color. If you saturate the color by 10%, you get **116.2920, -22.7480, 37.8280**, and if you desaturate by 10%, it is **151.1120, -14.0340, 23.0700**.

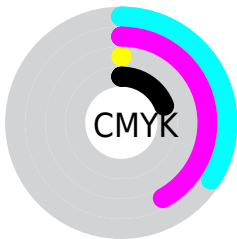
Distribution



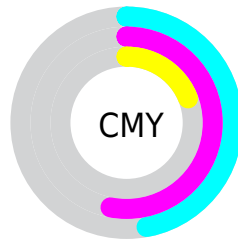
- Red (53%)
- Green (47%)
- Blue (81%)



- Red (53%)
- Yellow (47%)
- Blue (81%)



- Cyan (34%)
- Magenta (42%)
- Yellow (0%)
- Black (19%)



- Cyan (47%)
- Magenta (53%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.7020, -18.3910, 30.4490 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 133.7020, -18.3910, 30.4490 by changing the saturation by 10% instead.

■ 133.7020,
-18.3910, 30.4490

■ 133.7020,
-18.3910, 30.4490

■ 255.0000, -0.0000,
-0.0000

■ 107.7620,
-18.6200, 29.0920

■ 186.5560,
-15.0440, 30.3640

■ 82.5230, -19.4450,
27.5230

■ 211.3640, -6.0560,
21.6560

■ 58.8710, -20.5450,
25.4310

■ 236.4710, 3.5280,
13.1600

■ 34.3220, -23.4330,
22.7030

■ 10.8980, -25.1750,
21.2330

■ 6.5150, -16.9670,
15.6490

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 133.7020,
-18.3910, 30.4490

■ 133.7020,
-18.3910, 30.4490

■ 116.2920,
-22.7480, 37.8280

■ 151.1120,
-14.0340, 23.0700

■ 99.4690, -27.3800,
44.6840

■ 167.9350, -9.4020,
16.2140

■ 82.3580, -31.1410,
52.2750

■ 185.0460, -5.6410,
8.6230

■ 65.5350, -35.7730,
59.1310

■ 201.8690, -1.0090,
1.7670

■ 48.1250, -40.1300,
66.5100

■ 219.2790, 3.3480,
-5.6120

■ 34.8460, -43.4780,
72.1220

■ 236.6890, 7.7050,
-12.9910

■ 248.8160, 14.5370,
-15.6630

■ 249.4140, 15.7290,
-15.2390

Harmonies

Analogous

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



113.0560, -90.6900, 2.6060



133.7020, -18.3910, 30.4490



134.7370, 27.2270, 40.7230

Triad

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



133.7020, -18.3910, 30.4490



128.4000, 63.0430, -2.6610



104.2720, -84.1720, -38.4440

Complementary

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



133.7020, -18.3910, 30.4490



191.2980, 18.3910, -30.4490

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.



110.6510, -42.9990, -41.2310



133.7020, -18.3910, 30.4490



126.2750, 43.5610, -24.0470

Square

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



133.7020, -18.3910, 30.4490



129.8640, 68.4490, 20.5210



121.8730, 9.2220, -34.9860



109.1740, -97.9750, -25.0710

Rectangle

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



133.7020, -18.3910, 30.4490



132.2310, 49.1430, 40.0150



121.8730, 9.2220, -34.9860



102.5620, -79.3570, -43.1090

Sweetspot

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



133.7020, -18.3910, 30.4490



227.5560, -7.0170, 11.5350



170.5950, -47.4520, -10.0760



110.5900, -4.3570, 7.3790



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.



133.7020, -18.3910, 30.4490



146.9960, -27.4260, 45.5180



146.5590, 7.2370, 39.5650



93.7380, -2.0180, 3.5340



28.1930, -34.8100, 58.1980



6.4250, -8.0260, 13.3020

Inverse Universe

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



153.1070, 29.0610, 40.5250



175.9540, 43.4540, 60.5260



178.4410, -7.2370, -39.5650



95.9020, 3.3920, 4.6080



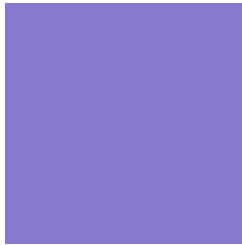
65.0240, 55.6010, 77.1770



14.8960, 12.6970, 17.6970

Previews

White Background



This preview shows how the YIQ color 133.7020, -18.3910, 30.4490 looks on a white background.

Color Contrast Check

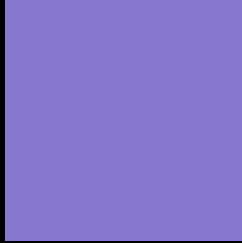
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7020, -18.3910, 30.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

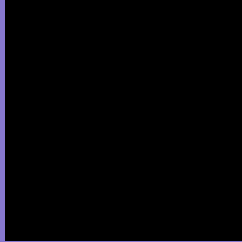
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.7020, -18.3910, 30.4490

Background



This preview shows how black text looks on a background with the YIQ color 133.7020, -18.3910, 30.4490.



This preview shows how white text looks on a background with the YIQ color 133.7020, -18.3910,

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

133.7020, -18.3910, 30.4490

Protanopia

128.5350, -46.0820, 20.1740

Deuteranopia

128.1450, -45.1640, 14.5480



Tritanopia

130.8510, -9.7660, 0.7780

Trichromacy



Original Color

133.7020, -18.3910, 30.4490

Protanomaly

130.6180, -35.9500, 23.7780

Deuteranomaly

130.3960, -35.4450, 20.1310

Tritanomaly

132.0330, -12.7940, 11.6060

Monochromacy



Original Color

133.7020, -18.3910, 30.4490

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0290, -6.9710, 10.7010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.7020, -18.3910, 30.4490 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(135, 119, 206)` looks like.

```
.text, #text, p{  
    color:rgb(135, 119, 206)  
}
```

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(135, 119, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 119, 206) }
```

Border

The CSS property to change the border of an element to YIQ 133.7020, -18.3910, 30.4490 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(135, 119, 206) }
```


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

```
.border{ border-color:rgb(135, 119, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 119, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 119, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 119, 206);  
box-shadow:4px 4px 4px 4px rgb(135, 119,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 133.7020, -18.3910, 30.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 119, 206) }
```

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

```
.background{ background-color: rgb(135,  
119, 206) }
```

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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