

Converting Colors

YIQ(142.6060, -18.4810,
21.0630)

Have a look what the booklet for
YIQ(142.6060, -18.4810, 21.0630)
contains.

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Color

**YIQ(142.6060, -18.4810,
21.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	8A86C7
RGB	138, 134, 199
RGB Percent	54%, 53%, 78%
CMY	0.4588, 0.4745, 0.2197
CMYK	0.31, 0.33, 0.00, 0.22
HSL	244°, 37%, 65%
HSV	244°, 33%, 78%
XYZ	29.3134, 26.5762, 57.5984
YIQ	142.6060, -18.4810, 21.0630

Conversions

Conversions Part 2

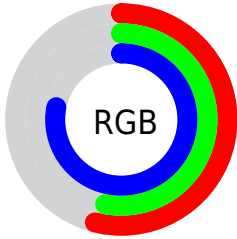
Format	Color
RYB	138, 134, 199
Decimal	9078471
CIELab	58.58, 16.35, -33.16
CIELCh	59, 36.976, 296.243
Yxy	26.5762, 0.2583, 0.2342
Android (android.graphics.Color)	4287268551 (0xFF8A86C7)
YUV	142.6060, 27.8022, -4.0395
Hunter-Lab	51.5521, 11.2818, -30.1573

Details

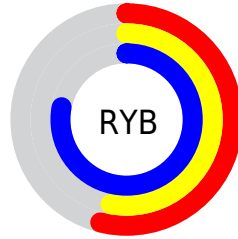
The YIQ color $142.6060, -18.4810, 21.0630$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $190.3940, 18.4810, -21.0630$, and the grayscale version is $142.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $196.5460, -18.2520, 22.4200$, and $91.5520, -18.3890, 19.3950$ is the 20% darker color. If you saturate the color by 10%, you get $125.1850, -24.3050, 27.4950$, and if you desaturate by 10%, it is $160.0270, -12.6570, 14.6310$.

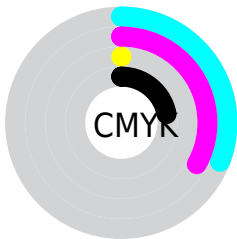
Distribution



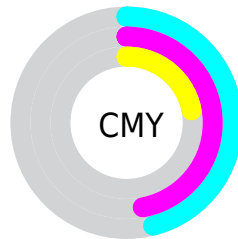
- Red (54%)
- Green (53%)
- Blue (78%)



- Red (54%)
- Yellow (53%)
- Blue (78%)



- Cyan (31%)
- Magenta (33%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.6060, -18.4810, 21.0630 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 142.6060, -18.4810, 21.0630 by changing the saturation by 10% instead.

■ 142.6060,
-18.4810, 21.0630

■ 142.6060,
-18.4810, 21.0630

■ 255.0000, -0.0000,
-0.0000

■ 116.9650,
-18.1140, 19.9180

■ 196.5460,
-18.2520, 22.4200

■ 91.5520, -18.3890,
19.3950

■ 221.3540, -9.2640,
13.7120

■ 67.3130, -19.2140,
17.8260

■ 246.4610, 0.3200,
5.2160

■ 44.6610, -20.3140,
15.7340

■ 20.9160, -25.5860,
12.1580

■ 5.3580, -15.0870,
14.6170

■ 3.4370, -8.3000,

7.2520

0.0000, 0.0000,
0.0000

142.6060,
-18.4810, 21.0630

142.6060,
-18.4810, 21.0630

125.1850,
-24.3050, 27.4950

160.0270,
-12.6570, 14.6310

108.0630,
-29.5330, 34.1390

177.1490, -7.4290,
7.9870

90.6420, -35.3570,
40.5710

194.5700, -1.6050,
1.5550

73.2210, -41.1810,
47.0030

211.9910, 4.2190,
-4.8770

56.6860, -46.6840,
53.1240

228.5260, 9.7220,
-10.9980

■ 39.2650, -52.5080,
59.5560

■ 245.9470, 15.5460,
-17.4300

■ 26.2740, -56.7270,
64.4330

■ 248.6160, 17.9760,
-17.4160

Harmonies

Analogous

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



133.0030, -56.8080, 5.3040



142.6060, -18.4810, 21.0630



145.0140, 15.7210, 28.9770

Triad

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



142.6060, -18.4810, 21.0630



140.8040, 50.3420, 1.7500



120.8080, -62.0740, -31.4340

Complementary

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



142.6060, -18.4810, 21.0630



190.3940, 18.4810, -21.0630

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.



130.3600, -19.7100, -28.2700



142.6060, -18.4810, 21.0630



138.8910, 36.3150, -13.8690

Square

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



142.6060, -18.4810, 21.0630



142.3720, 52.2190, 17.2990



135.5780, 11.9710, -24.2290



111.3110, -97.1030, -29.8630

Rectangle

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



142.6060, -18.4810, 21.0630



144.5830, 33.0520, 28.7640



135.5780, 11.9710, -24.2290



124.8330, -46.0270, -30.4030

Sweetspot

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



142.6060, -18.4810, 21.0630



233.1490, -7.4290, 7.9870



177.8040, -37.9150, -12.2110



114.1230, -4.5400, 5.1880



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.



142.6060, -18.4810, 21.0630



169.0800, -28.2030, 32.0610



152.1740, 0.5910, 27.8470



91.0260, -2.8890, 2.7990



21.5720, -46.3630, 52.8130



4.7020, -10.3640, 11.6200

Inverse Universe

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



160.3890, 19.1590, 32.7510



196.2030, 29.1510, 49.9110



180.8260, -0.5910, -27.8470



93.7170, 2.4750, 4.7070



66.1790, 48.0350, 82.1390



14.5260, 10.8630, 17.8950

Previews

White Background



This preview shows how the YIQ color 142.6060, -18.4810, 21.0630 looks on a white background.

Color Contrast Check

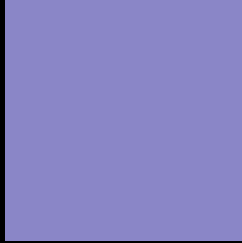
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6060, -18.4810, 21.0630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

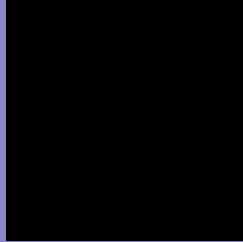
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.6060, -18.4810, 21.0630

Background



This preview shows how black text looks on a background with the YIQ color 142.6060, -18.4810, 21.0630.



This preview shows how white text looks on a background with the YIQ color 142.6060, -18.4810, 21.0630.

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

142.6060, -18.4810, 21.0630

Protanopia

140.6150, -31.8680, 15.8760

Deuteranopia

140.3440, -29.6670, 14.5330



Tritanopia

140.0680, -11.8750, 0.4530

Trichromacy



Original Color

142.6060, -18.4810, 21.0630

Protanomaly

141.4200, -26.8250, 18.0950

Deuteranomaly

140.9640, -25.5410, 16.8510

Tritanomaly

141.0280, -14.3980, 7.6340

Monochromacy



Original Color

142.6060, -18.4810, 21.0630

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.9210, -6.7870, 7.3650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.6060, -18.4810, 21.0630 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, 134, 199)` looks like.

```
.text, #text, p{  
    color:rgb(138, 134, 199)  
}
```

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, 134, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 134, 199) }
```

Border

The CSS property to change the border of an element to YIQ 142.6060, -18.4810, 21.0630 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, 134, 199) }
```


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

```
.border{ border-color:rgb(138, 134, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 134, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 134, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 134, 199);  
box-shadow:4px 4px 4px 4px rgb(138, 134,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 142.6060, -18.4810, 21.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 134, 199) }
```

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

```
.background{ background-color: rgb(138,  
134, 199) }
```

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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