

Converting Colors

YIQ(146.9190, -12.4730,
11.2950)

Have a look what the booklet for
YIQ(146.9190, -12.4730, 11.2950)
contains.

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Color

**YIQ(146.9190, -12.4730,
11.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8FB4
RGB	142, 143, 180
RGB Percent	56%, 56%, 71%
CMY	0.4431, 0.4392, 0.2942
CMYK	0.21, 0.21, 0.00, 0.29
HSL	238°, 20%, 63%
HSV	238°, 21%, 71%
XYZ	29.2150, 28.6908, 47.1675
YIQ	146.9190, -12.4730, 11.2950

Conversions

Conversions Part 2

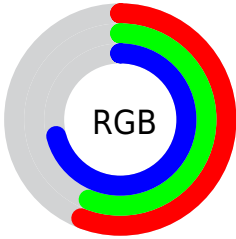
Format	Color
RYB	142, 143, 180
Decimal	9342900
CIELab	60.51, 7.66, -19.42
CIELCh	61, 20.877, 291.531
Yxy	28.6908, 0.2780, 0.2731
Android (android.graphics.Color)	4287532980 (0xFF8E8FB4)
YUV	146.9190, 16.3089, -4.3140
Hunter-Lab	53.5638, 3.6215, -14.7152

Details

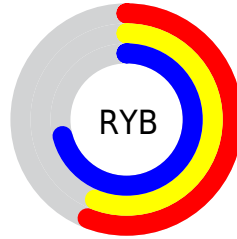
The YIQ color $146.9190, -12.4730, 11.2950$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $175.0810, 12.4730, -11.2950$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $201.1470, -13.1150, 11.9170$, and $96.2780, -12.1060, 10.1500$ is the 20% darker color. If you saturate the color by 10%, you get $130.9710, -18.2510, 16.8930$, and if you desaturate by 10%, it is $162.8670, -6.6950, 5.6970$.

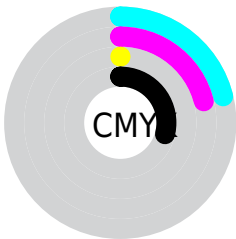
Distribution



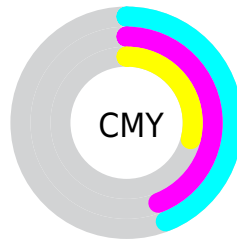
- Red (56%)
- Green (56%)
- Blue (71%)



- Red (56%)
- Yellow (56%)
- Blue (71%)



- Cyan (21%)
- Magenta (21%)
- Yellow (0%)
- Black (29%)



- Cyan (44%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.9190, -12.4730, 11.2950 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 146.9190, -12.4730, 11.2950 by changing the saturation by 10% instead.

■ 146.9190,
-12.4730, 11.2950

■ 146.9190,
-12.4730, 11.2950

■ 255.0000, -0.0000,
-0.0000

■ 120.8050,
-12.1520, 10.9840

■ 201.1470,
-13.1150, 11.9170

■ 96.2780, -12.1060,
10.1500

■ 228.1210,
-10.2260, 9.1180

■ 72.1640, -11.7850,
9.8390

■ 253.2280, -0.6420,
0.6220

■ 49.6370, -11.7390,
9.0050

■ 27.8110, -12.2890,
7.9590

■ 3.8760, -10.9140,
10.5740

■ 0.7980, -2.2470,

2.1770

■ 0.0000, 0.0000,
0.0000

■ 146.9190,
-12.4730, 11.2950

■ 146.9190,
-12.4730, 11.2950

■ 130.9710,
-18.2510, 16.8930

■ 162.8670, -6.6950,
5.6970

■ 115.6100,
-24.3040, 21.9680

■ 178.2280, -0.6420,
0.6220

■ 99.6620, -30.0820,
27.5660

■ 194.1760, 5.1360,
-4.9760

■ 84.3010, -36.1350,
32.6410

■ 209.5370, 11.1890,
-10.0510

■ 68.3530, -41.9130,
38.2390

■ 225.4850, 16.9670,
-15.6490

■ 52.9920, -47.9660,
43.3140

■ 240.8460, 23.0200,
-20.7240

■ 37.0440, -53.7440,
48.9120

■ 246.4500, 24.0750,
-23.3250

■ 23.4550, -59.1550,
53.3650

Harmonies

Analogous

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



143.1940, -29.6650, 3.4790



146.9190, -12.4730, 11.2950



149.0200, 6.4160, 15.8880

Triad

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



146.9190, -12.4730, 11.2950



147.0930, 30.5350, 2.7830



138.9270, -25.2600, -15.7880

Complementary

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



146.9190, -12.4730, 11.2950



175.0810, 12.4730, -11.2950

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.



141.2080, -7.0580, -15.2660



146.9190, -12.4730, 11.2950



145.8160, 23.7050, -5.5990

Square

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



146.9190, -12.4730, 11.2950



148.2490, 30.3960, 10.8120



143.7710, 10.4100, -12.4540



137.8040, -37.9150, -12.2110

Rectangle

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



146.9190, -12.4730, 11.2950



148.9950, 16.7320, 16.1560



143.7710, 10.4100, -12.4540



139.4500, -19.4830, -15.8590

Sweetspot

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



146.9190, -12.4730, 11.2950



222.5960, -4.4940, 4.3540



168.5240, -22.3270, -8.3670



109.9120, -2.5680, 2.4880



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



146.9190, -12.4730, 11.2950



183.3130, -19.2140, 17.8260



151.7140, -1.4700, 15.6340



81.6130, -3.1640, 2.2760



19.7900, -50.2130, 45.4910



3.5510, -8.6210, 7.5630

Inverse Universe

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



153.4760, 22.3270, 8.3670



193.7550, 34.8430, 12.8190



170.2860, 1.4700, -15.6340



82.8050, 5.0430, 2.2190



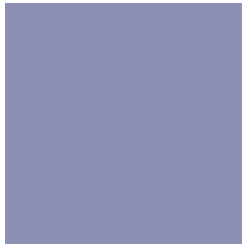
46.2030, 89.9040, 33.6800



7.8880, 15.1750, 5.8230

Previews

White Background



This preview shows how the YIQ color 146.9190, -12.4730, 11.2950 looks on a white background.

Color Contrast Check

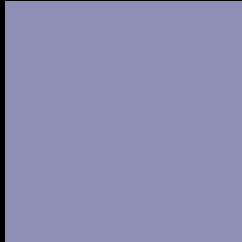
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.9190, -12.4730, 11.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

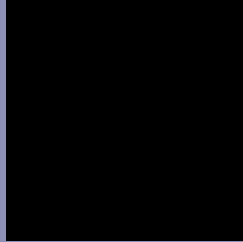
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.9190, -12.4730, 11.2950

Background



This preview shows how black text looks on a background with the YIQ color 146.9190, -12.4730, 11.2950.



This preview shows how white text looks on a background with the YIQ color 146.9190, -12.4730, 11.2950.

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

146.9190, -12.4730, 11.2950

Protanopia

146.1250, -16.0490, 10.0230

Deuteranopia

147.2180, -11.8770, 11.5070



Tritanopia

145.5630, -8.8950, 1.5130

Trichromacy



Original Color

146.9190, -12.4730, 11.2950

Protanomaly

146.7230, -14.8570, 10.4470

Deuteranomaly

147.2180, -11.8770, 11.5070

Tritanomaly

146.1870, -10.5920, 4.7360

Monochromacy



Original Color

146.9190, -12.4730, 11.2950

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.1830, -4.7690, 3.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.9190, -12.4730, 11.2950 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(142, 143, 180)` looks like.

```
.text, #text, p{  
    color:rgb(142, 143, 180)  
}
```

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(142, 143, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 143, 180) }
```

Border

The CSS property to change the border of an element to YIQ 146.9190, -12.4730, 11.2950 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(142, 143, 180) }
```


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

```
.border{ border-color:rgb(142, 143, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 143, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 143, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 143, 180);  
box-shadow:4px 4px 4px 4px rgb(142, 143,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 146.9190, -12.4730, 11.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 143, 180) }
```

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

```
.background{ background-color: rgb(142,  
143, 180) }
```

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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