

Converting Colors

YIQ(147.5980, -16.0030, 9.1890)

Have a look what the booklet for
YIQ(147.5980, -16.0030, 9.1890)
contains.

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Color

**YIQ(147.5980, -16.0030,
9.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	8A92B5
RGB	138, 146, 181
RGB Percent	54%, 57%, 71%
CMY	0.4588, 0.4274, 0.2903
CMYK	0.24, 0.19, 0.00, 0.29
HSL	229°, 22%, 63%
HSV	229°, 24%, 71%
XYZ	29.0989, 29.2974, 47.8249
YIQ	147.5980, -16.0030, 9.1890

Conversions

Conversions Part 2

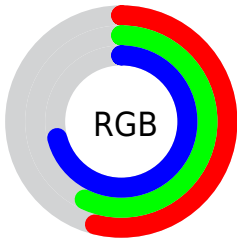
Format	Color
RYB	138, 145, 181
Decimal	9081525
CIELab	61.04, 4.91, -19.20
CIELCh	61, 19.814, 284.337
Yxy	29.2974, 0.2739, 0.2758
Android (android.graphics.Color)	4287271605 (0xFF8A92B5)
YUV	147.5980, 16.4672, -8.4174
Hunter-Lab	54.1271, 1.2397, -14.4977

Details

The YIQ color $147.5980, -16.0030, 9.1890$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $171.4020, 16.0030, -9.1890$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $201.8260, -16.6450, 9.8110$, and $96.9570, -15.6360, 8.0440$ is the 20% darker color. If you saturate the color by 10%, you get $133.4110, -22.6060, 13.2180$, and if you desaturate by 10%, it is $161.7850, -9.4000, 5.1600$.

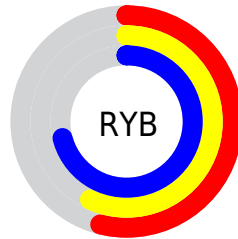
Distribution



Red (54%)

Green (57%)

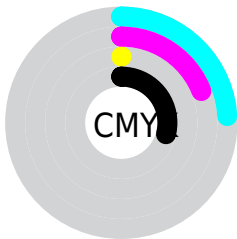
Blue (71%)



Red (54%)

Yellow (57%)

Blue (71%)

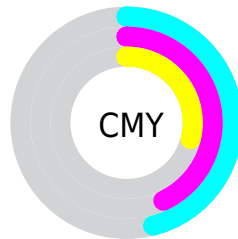


Cyan (24%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (43%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.5980, -16.0030, 9.1890 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 147.5980, -16.0030, 9.1890 by changing the saturation by 10% instead.

■ 147.5980,
-16.0030, 9.1890

■ 147.5980,
-16.0030, 9.1890

■ 255.0000, -0.0000,
-0.0000

■ 121.4840,
-15.6820, 8.8780

■ 201.8260,
-16.6450, 9.8110

■ 96.9570, -15.6360,
8.0440

■ 228.6860,
-13.4350, 6.7010

■ 72.8430, -15.3150,
7.7330

■ 253.2060, -3.5760,
-1.2720

■ 50.3160, -15.2690,
6.8990

■ 28.1910, -16.4150,
5.6410

■ 5.0500, -11.4640,
9.5280

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 147.5980,
-16.0030, 9.1890

■ 147.5980,
-16.0030, 9.1890

■ 133.4110,
-22.6060, 13.2180

■ 161.7850, -9.4000,
5.1600

■ 119.8110,
-29.4840, 16.7240

■ 175.3850, -2.5220,
1.6540

■ 105.6240,
-36.0870, 20.7530

■ 189.5720, 4.0810,
-2.3750

■ 91.4370, -42.6900,
24.7820

■ 203.7590, 10.6840,
-6.4040

■ 77.2500, -49.2930,
28.8110

■ 217.9460, 17.2870,
-10.4330

■ 63.3510, -56.7670,
32.1050

■ 231.8450, 24.7610,
-13.7270

■ 49.1640, -63.3700,
36.1340

■ 243.0420, 25.4040,
-19.8760

■ 40.5920, -67.4510,
38.5090

■ 246.5640, 23.7540,
-23.0140

Harmonies

Analogous

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



144.2430, -31.3610, 1.1750



147.5980, -16.0030, 9.1890



149.9270, 2.2440, 14.4040

Triad

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



147.5980, -16.0030, 9.1890



148.9620, 29.5260, 4.5500



141.5640, -19.8040, -15.5480

Complementary

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



147.5980, -16.0030, 9.1890



171.4020, 16.0030, -9.1890

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.



143.7740, -2.8400, -14.6160



147.5980, -16.0030, 9.1890



147.4680, 24.8050, -3.5070

Square

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



147.5980, -16.0030, 9.1890



149.8080, 27.3240, 11.4200



145.7930, 13.3440, -10.5600



139.7290, -33.3300, -12.7060

Rectangle

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



147.5980, -16.0030, 9.1890



150.4290, 12.5140, 15.5060



145.7930, 13.3440, -10.5600



142.2010, -14.3480, -15.3080

Sweetspot

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



147.5980, -16.0030, 9.1890



221.6990, -6.2820, 3.7180



167.1170, -22.7390, -11.9150



110.2000, -3.4390, 1.7530



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.



147.5980, -16.0030, 9.1890



183.5680, -24.4860, 14.2500



146.7890, -6.0550, 16.1290



82.2000, -3.4390, 1.7530



33.8780, -56.8130, 32.9390



5.8990, -9.7210, 5.4710

Inverse Universe

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



151.7690, 23.0600, 11.6040



190.1020, 35.4840, 17.7240



172.2110, 6.0550, -16.1290



82.9190, 4.7220, 2.5300



48.9390, 82.2000, 41.1440



8.3440, 13.8910, 7.0670

Previews

White Background



This preview shows how the YIQ color 147.5980, -16.0030, 9.1890 looks on a white background.

Color Contrast Check

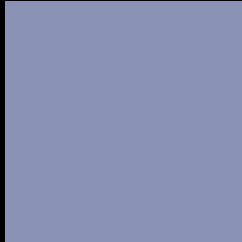
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.5980, -16.0030, 9.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

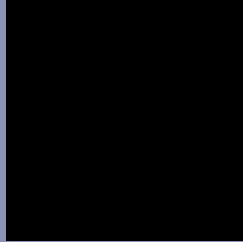
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.5980, -16.0030, 9.1890

Background



This preview shows how black text looks on a background with the YIQ color 147.5980, -16.0030, 9.1890.



This preview shows how white text looks on a background with the YIQ color 147.5980, -16.0030, 9.1890.

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

147.5980, -16.0030, 9.1890

Protanopia

147.8970, -15.4070, 9.4010

Deuteranopia

148.2180, -11.8770, 11.5070



Tritanopia

145.8830, -12.7920, 0.5520

Trichromacy



Original Color

147.5980, -16.0030, 9.1890

Protanomaly

147.8970, -15.4070, 9.4010

Deuteranomaly

148.2070, -13.3440, 10.5600

Tritanomaly

146.3930, -14.1680, 3.4640

Monochromacy



Original Color

147.5980, -16.0030, 9.1890

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.5850, -5.9610, 3.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.5980, -16.0030, 9.1890 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, 146, 181)` looks like.

```
.text, #text, p{  
    color:rgb(138, 146, 181)  
}
```

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, 146, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 146, 181) }
```

Border

The CSS property to change the border of an element to YIQ 147.5980, -16.0030, 9.1890 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, 146, 181) }
```


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

```
.border{ border-color:rgb(138, 146, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 146, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 146, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 146, 181);  
box-shadow:4px 4px 4px 4px rgb(138, 146,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 147.5980, -16.0030, 9.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 146, 181) }
```

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

```
.background{ background-color: rgb(138,  
146, 181) }
```

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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