

Converting Colors

YIQ(147.6940, -15.9130,
18.5750)

Have a look what the booklet for
YIQ(147.6940, -15.9130, 18.5750)
contains.

YIQ(147.6940, -15.9130, 18.5750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(147.6940, -15.9130,
18.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	908CC5
RGB	144, 140, 197
RGB Percent	56%, 55%, 77%
CMY	0.4352, 0.4510, 0.2276
CMYK	0.27, 0.29, 0.00, 0.23
HSL	244°, 33%, 66%
HSV	244°, 29%, 77%
XYZ	30.9564, 28.7160, 56.7181
YIQ	147.6940, -15.9130, 18.5750

Conversions

Conversions Part 2

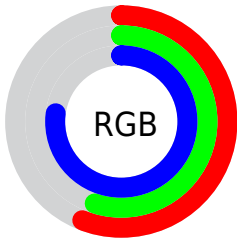
Format	Color
RYB	144, 140, 197
Decimal	9473221
CIELab	60.53, 14.14, -28.97
CIELCh	61, 32.241, 296.015
Yxy	28.7160, 0.2660, 0.2467
Android (android.graphics.Color)	4287663301 (0xFF908CC5)
YUV	147.6940, 24.3079, -3.2396
Hunter-Lab	53.5873, 9.3382, -25.2428

Details

The YIQ color $147.6940, -15.9130, 18.5750$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.3060, 15.9130, -18.5750$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $202.3350, -16.2800, 19.7200$, and $96.6400, -15.8210, 16.9070$ is the 20% darker color. If you saturate the color by 10%, you get $130.5720, -21.1410, 25.2190$, and if you desaturate by 10%, it is $164.8160, -10.6850, 11.9310$.

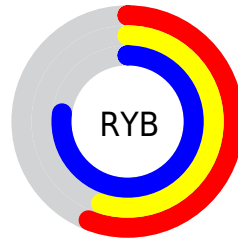
Distribution



Red (56%)

Green (55%)

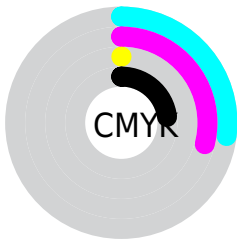
Blue (77%)



Red (56%)

Yellow (55%)

Blue (77%)

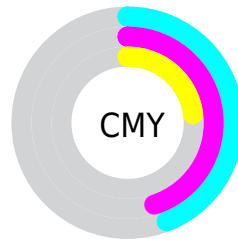


Cyan (27%)

Magenta (29%)

Yellow (0%)

Black (23%)



Cyan (44%)

Magenta (45%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.6940, -15.9130, 18.5750 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 147.6940, -15.9130, 18.5750 by changing the saturation by 10% instead.

■ 147.6940,
-15.9130, 18.5750

■ 147.6940,
-15.9130, 18.5750

■ 255.0000, -0.0000,
-0.0000

■ 122.1670,
-15.8670, 17.7410

■ 202.3350,
-16.2800, 19.7200

■ 96.6400, -15.8210,
16.9070

■ 226.6700, -7.3380,
11.8460

■ 72.7000, -16.0500,
15.5500

■ 252.0650, 1.3750,
2.6150

■ 49.7600, -16.2790,
14.1930

■ 26.9230, -18.2960,
12.2000

■ 5.2440, -14.7660,
14.3060

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 147.6940,
-15.9130, 18.5750

■ 147.6940,
-15.9130, 18.5750

■ 130.5720,
-21.1410, 25.2190

■ 164.8160,
-10.6850, 11.9310

■ 113.7380,
-27.2400, 31.1280

■ 181.6500, -4.5860,
6.0220

■ 96.6160, -32.4680,
37.7720

■ 198.7720, 0.6420,
-0.6220

■ 79.4940, -37.6960,
44.4160

■ 215.8940, 5.8700,
-7.2660

■ 62.6600, -43.7950,
50.3250

■ 232.7280, 11.9690,
-13.1750

■ 45.5380, -49.0230,
56.9690

■ 248.0890, 18.0220,
-18.2500

■ 28.4160, -54.2510,
63.6130

■ 248.3880, 18.6180,
-18.0380

■ 26.6440, -54.8930,
64.2350

Harmonies

Analogous

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



140.6790, -47.0880, 5.3600



147.6940, -15.9130, 18.5750



149.8240, 13.2000, 25.1040

Triad

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



147.6940, -15.9130, 18.5750



146.2810, 44.5650, 1.8210



131.5110, -47.8160, -25.5120

Complementary

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



147.6940, -15.9130, 18.5750



189.3060, 15.9130, -18.5750

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.



137.3220, -16.5470, -25.0190



147.6940, -15.9130, 18.5750



144.3190, 32.2340, -11.4940

Square

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



147.6940, -15.9130, 18.5750



147.9690, 45.9840, 14.6560



141.5010, 10.8700, -20.7940



124.9500, -76.7930, -23.4890

Rectangle

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



147.6940, -15.9130, 18.5750



149.9090, 29.0180, 24.7780



141.5010, 10.8700, -20.7940



133.3720, -37.1790, -25.5550

Sweetspot

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



147.6940, -15.9130, 18.5750



235.2200, -6.1910, 7.5770



177.6090, -32.8720, -9.9920



115.0090, -4.2190, 4.8770



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.



147.6940, -15.9130, 18.5750



177.9400, -24.9930, 28.9510



156.0660, 0.7750, 24.5110



91.0260, -2.8890, 2.7990



21.8710, -45.7670, 53.0250



5.0010, -9.7680, 11.8320

Inverse Universe

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



163.0850, 16.9590, 28.5670



202.0730, 26.4010, 44.6810



180.9340, -0.7750, -24.5110



93.7170, 2.4750, 4.7070



66.0650, 48.3560, 81.8280



14.5260, 10.8630, 17.8950

Previews

White Background



This preview shows how the YIQ color 147.6940, -15.9130, 18.5750 looks on a white background.

Color Contrast Check

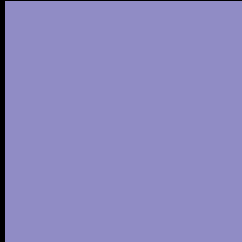
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.6940, -15.9130, 18.5750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

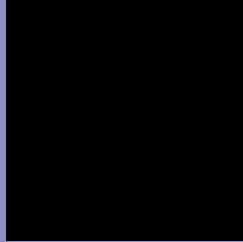
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.6940, -15.9130, 18.5750

Background



This preview shows how black text looks on a background with the YIQ color 147.6940, -15.9130, 18.5750.



This preview shows how white text looks on a background with the YIQ color 147.6940, -15.9130,

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

147.6940, -15.9130, 18.5750

Protanopia

145.8990, -26.9160, 14.2360

Deuteranopia

146.3400, -23.8440, 13.6280



Tritanopia

145.0790, -10.4080, 1.4000

Trichromacy



Original Color

147.6940, -15.9130, 18.5750

Protanomaly

146.6930, -23.3400, 15.5080

Deuteranomaly

146.9490, -21.1850, 14.9990

Tritanomaly

145.8110, -12.2890, 7.9590

Monochromacy



Original Color

147.6940, -15.9130, 18.5750

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.9920, -5.5490, 6.9550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.6940, -15.9130, 18.5750 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(144, 140, 197)` looks like.

```
.text, #text, p{  
    color:rgb(144, 140, 197)  
}
```

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(144, 140, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 140, 197) }
```

Border

The CSS property to change the border of an element to YIQ 147.6940, -15.9130, 18.5750 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(144, 140, 197) }
```


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

```
.border{ border-color:rgb(144, 140, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 140, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 140, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 140, 197);  
box-shadow:4px 4px 4px 4px rgb(144, 140,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 147.6940, -15.9130, 18.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 140, 197) }
```

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

```
.background{ background-color: rgb(144,  
140, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor