

Converting Colors

YIQ(107.1850, -112.5620,
13.5340)

Have a look what the booklet for
YIQ(107.1850, -112.5620, 13.5340)
contains.

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Color

**YIQ(107.1850, -112.5620,
13.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	0881FF
RGB	8, 129, 255
RGB Percent	3%, 51%, 100%
CMY	0.9685, 0.4939, 0.0005
CMYK	0.97, 0.49, 0.00, 0.00
HSL	211°, 100%, 52%
HSV	211°, 97%, 100%
XYZ	25.9841, 22.9764, 97.5560
YIQ	107.1850, -112.5620, 13.5340

Conversions

Conversions Part 2

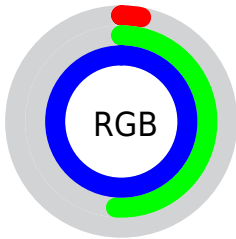
Format	Color
R _Y B	8, 89, 255
Decimal	557567
CIE Lab	55.05, 18.27, -70.31
CIE LCh	55, 72.647, 284.564
Yxy	22.9764, 0.1773, 0.1568
Android (android.graphics.Color)	4278747647 (0xFF0881FF)
YUV	107.1850, 72.8728, -86.9852
Hunter-Lab	47.9337, 12.8783, -87.1152

Details

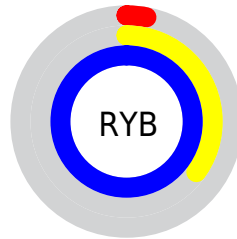
The YIQ color `107.1850, -112.5620, 13.5340` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark saturated azure. A complement of this color would be `155.8150, 112.5620, -13.5340`, and the grayscale version is `107.0000, -0.0000, 0.0000`.

A 20% lighter version of the original color is `169.4030, -63.6860, 8.8100`, and `70.0050, -85.5120, 18.9040` is the 20% darker color. If you saturate the color by 10%, you get `102.4450, -116.2300, 13.9300`, and if you desaturate by 10%, it is `122.5900, -100.6410, 12.2470`.

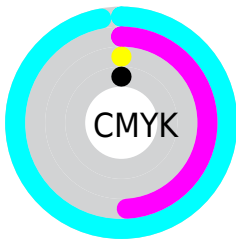
Distribution



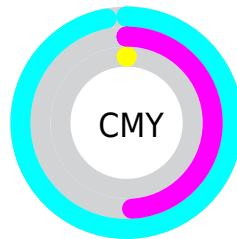
- Red (3%)
- Green (51%)
- Blue (100%)



- Red (3%)
- Yellow (35%)
- Blue (100%)



- Cyan (97%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.1850, -112.5620, 13.5340 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 107.1850, -112.5620, 13.5340 by changing the saturation by 10% instead.

■ 107.1850,
-112.5620, 13.5340

■ 107.1850,
-112.5620, 13.5340

■ 255.0000, -0.0000,
-0.0000

■ 86.8120,
-101.1460, 15.8940

■ 169.4030,
-63.6860, 8.8100

■ 70.0050, -85.5120,
18.9040

■ 195.4180,
-50.8470, 1.8970

■ 53.8990, -70.4740,
21.7020

■ 222.0090,
-39.7500, -6.4860

■ 39.6680, -56.5820,
23.2420

■ 242.1430,
-25.6280, -9.1160

■ 26.1380, -43.2860,
24.5700

■ 251.7110, -6.5560,
-2.3320

■ 17.8910, -32.4650,
21.1910

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 2.9810, -7.0160,
6.0080

■ 107.1850,
-112.5620, 13.5340

■ 107.1850,
-112.5620, 13.5340

■ 102.4450,
-116.2300, 13.9300

■ 122.5900,
-100.6410, 12.2470

■ 137.6960,
-89.3160, 10.7480

■ 152.8020,
-77.9910, 9.2490

■ 168.2070,
-66.0700, 7.9620

■ 183.3130,
-54.7450, 6.4630

■ 198.7180,
-42.8240, 5.1760

■ 213.8240,
-31.4990, 3.6770

■ 229.2290,
-19.5780, 2.3900

■ 244.3350, -8.2530,
0.8910

Harmonies

Analogous

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



115.8320, -122.2340, 1.5900



107.1850, -112.5620, 13.5340



134.8490, 4.0250, 53.7290

Triad

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



107.1850, -112.5620, 13.5340



123.3600, 96.0510, 15.8830



103.6900, -74.2660, -52.7780

Complementary

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



107.1850, -112.5620, 13.5340



155.8150, 112.5620, -13.5340

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.



106.9640, -19.7960, -59.7640



107.1850, -112.5620, 13.5340



123.9940, 78.0850, -21.9710

Square

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



107.1850, -112.5620, 13.5340



118.8470, 94.6230, 52.7910



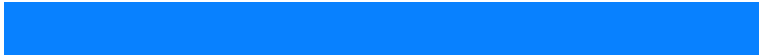
120.1750, 40.1260, -44.4020



112.3880, -96.0020, -33.2980

Rectangle

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



107.1850, -112.5620, 13.5340



129.6170, 46.0210, 63.5650



120.1750, 40.1260, -44.4020



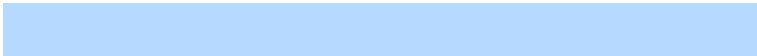
100.0080, -66.6540, -58.5740

Sweetspot

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



107.1850, -112.5620, 13.5340



210.5680, -33.6540, 4.1860



167.0110, -107.4080, -90.9280



101.0440, -20.4950, 2.4890



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.



107.1850, -112.5620, 13.5340



102.4450, -116.2300, 13.9300



36.1580, -79.2870, 76.8170



120.0040, -5.8230, 0.9050



76.9520, -87.1610, 10.2390



25.4930, -29.0690, 3.6910

Inverse Universe

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



95.6470, 108.3710, 89.9950



90.4950, 111.8550, 92.9350



226.8420, 79.2870, -76.8170



119.5710, 5.8220, 4.6220



67.8250, 83.6620, 69.7260



22.6700, 28.1930, 23.2090

Previews

White Background



This preview shows how the YIQ color 107.1850, -112.5620, 13.5340 looks on a white background.

Color Contrast Check

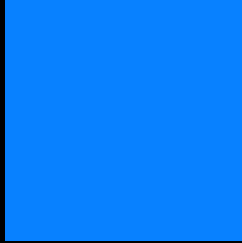
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.1850, -112.5620, 13.5340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

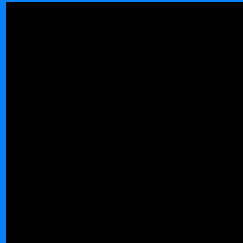
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

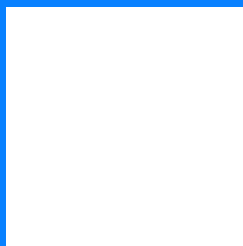
Any Text WCAG AAA × Fail

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

YIQ 107.1850, -112.5620, 13.5340 Background



This preview shows how black text looks on a background with the YIQ color 107.1850, -112.5620, 13.5340.



This preview shows how white text looks on a background with the YIQ color 107.1850, -112.5620,

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

107.1850, -112.5620, 13.5340

Protanopia

120.6190, -81.2490, 24.2470

Deuteranopia

105.2200, -111.6430, 2.3810



Tritanopia

102.7850, -89.6300, -27.6300

Trichromacy



Original Color

107.1850, -112.5620, 13.5340

Protanomaly

115.9380, -92.5730, 20.2190

Deuteranomaly

105.8550, -111.8730, 6.5510

Tritanomaly

104.2640, -97.7480, -12.6600

Monochromacy



Original Color

107.1850, -112.5620, 13.5340

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.0880, -40.9900, 4.9780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.1850, -112.5620, 13.5340 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(8, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(8, 129, 255)  
}
```

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(8, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 129, 255) }
```

Border

The CSS property to change the border of an element to YIQ 107.1850, -112.5620, 13.5340 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(8, 129, 255) }
```


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

```
.border{ border-color:rgb(8, 129, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(8, 129,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 107.1850, -112.5620, 13.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 129, 255) }
```

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

```
.background{ background-color: rgb(8, 129,  
255) }
```

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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