

Converting Colors

YIQ(119.5900, -100.6410,
12.2470)

Have a look what the booklet for
YIQ(119.5900, -100.6410, 12.2470)
contains.

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Color

**YIQ(119.5900, -100.6410,
12.2470)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 1F8BFC |
| RGB | 31, 139, 252 |
| RGB Percent | 12%, 55%, 99% |
| CMY | 0.8785, 0.4547, 0.0122 |
| CMYK | 0.88, 0.45, 0.00, 0.01 |
| HSL | 211°, 97%, 55% |
| HSV | 211°, 88%, 99% |
| XYZ | 27.3539, 25.7894, 95.5285 |
| YIQ | 119.5900, -100.6410, 12.2470 |

Conversions

Conversions Part 2

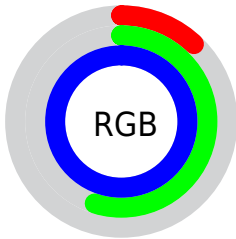
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 31, 104, 252 |
| Decimal | 2067452 |
| CIE Lab | 57.84, 11.85, -64.16 |
| CIE LCh | 58, 65.245, 280.466 |
| Yxy | 25.7894, 0.1840, 0.1735 |
| Android (android.graphics.Color) | 4280257532 (0xFF1F8BFC) |
| YUV | 119.5900, 65.2781, -77.6934 |
| Hunter-Lab | 50.7833, 7.2763, -75.9821 |

Details

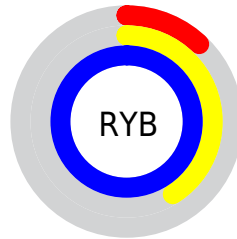
The YIQ color **119.5900, -100.6410, 12.2470** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **163.4100, 100.6410, -12.2470**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.0560, -64.3270, 3.9050**, and **75.0600, -87.3450, 13.5750** is the 20% darker color. If you saturate the color by 10%, you get **104.4840, -111.9660, 13.7460**, and if you desaturate by 10%, it is **134.6960, -89.3160, 10.7480**.

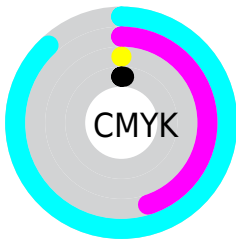
Distribution



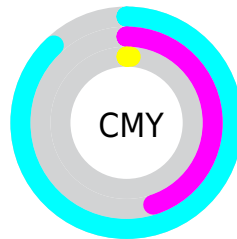
- Red (12%)
- Green (55%)
- Blue (99%)



- Red (12%)
- Yellow (41%)
- Blue (99%)



- Cyan (88%)
- Magenta (45%)
- Yellow (0%)
- Black (1%)



- Cyan (88%)
- Magenta (45%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.5900, -100.6410, 12.2470 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 119.5900, -100.6410, 12.2470 by changing the saturation by 10% instead.

■ 119.5900,
-100.6410, 12.2470

■ 119.5900,
-100.6410, 12.2470

■ 255.0000, -0.0000,
-0.0000

■ 92.3400,
-102.9330, 9.7310

■ 177.0560,
-64.3270, 3.9050

■ 74.9460, -87.0240,
13.2640

■ 203.3590,
-52.3590, -3.7430

■ 58.9540, -72.3070,
16.3730

■ 229.3630,
-40.9870, -11.6030

■ 43.5490, -57.8650,
18.9590

■ 243.0400,
-23.8400, -8.4800

■ 29.3180, -43.9730,
20.4990

■ 252.6080, -4.7680,
-1.6960

■ 16.4890, -31.2730,
21.6150

■ 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 119.5900,
-100.6410, 12.2470

■ 119.5900,
-100.6410, 12.2470

■ 104.4840,
-111.9660, 13.7460

■ 134.6960,
-89.3160, 10.7480

■ 100.9290,
-114.7170, 14.0430

■ 149.8020,
-77.9910, 9.2490

■ 165.2070,
-66.0700, 7.9620

■ 180.3130,
-54.7450, 6.4630

■ 194.8320,
-43.1450, 5.4870

■ 209.9380,
-31.8200, 3.9880

■ 225.0440,
-20.4950, 2.4890

■ 240.1500, -9.1700,
0.9900

254.6580, 0.9630,
-0.9330

Harmonies

Analogous

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



119.1430, -121.9120, -4.2480



119.5900, -100.6410, 12.2470



142.3160, -4.9600, 45.8560

Triad

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



119.5900, -100.6410, 12.2470



133.3470, 88.8980, 18.8660



106.8530, -76.2830, -54.7710

Complementary

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



119.5900, -100.6410, 12.2470



163.4100, 100.6410, -12.2470

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.



121.5900, -6.6390, -50.4070



119.5900, -100.6410, 12.2470



132.0420, 78.1300, -17.2780

Square

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



119.5900, -100.6410, 12.2470



132.8130, 82.7950, 46.8830



128.1930, 48.8830, -43.4130



114.8670, -96.0930, -37.1570

Rectangle

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



119.5900, -100.6410, 12.2470



140.8880, 34.6520, 54.8440



128.1930, 48.8830, -43.4130



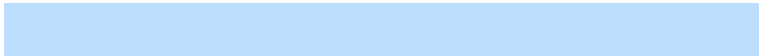
103.5130, -69.6340, -59.6340

Sweetspot

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



119.5900, -100.6410, 12.2470



215.3080, -29.9860, 3.7900



173.2670, -96.0850, -81.3730



103.7130, -18.0650, 2.5030



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.



119.5900, -100.6410, 12.2470



102.4450, -116.2300, 13.9300



56.1940, -70.9410, 68.7310



117.5910, -6.0980, 0.3820



75.5500, -85.9690, 10.6630



24.5640, -27.8310, 3.2810

Inverse Universe

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



109.3910, 97.0480, 80.4400



90.4950, 111.8550, 92.9350



226.8060, 70.9410, -68.7310



116.6850, 5.5010, 4.9330



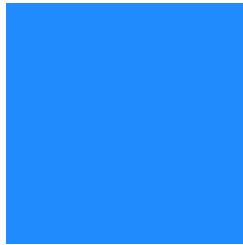
66.9990, 83.1120, 68.6800



21.6590, 26.7260, 22.2620

Previews

White Background



This preview shows how the YIQ color 119.5900, -100.6410, 12.2470 looks on a white background.

Color Contrast Check

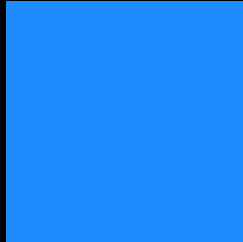
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.5900, -100.6410, 12.2470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

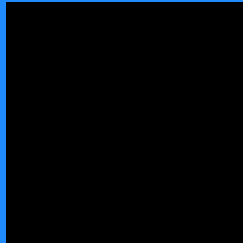
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

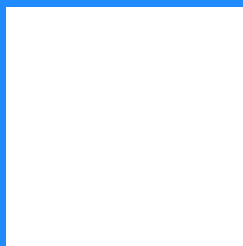
Any Text WCAG AAA × Fail

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

YIQ 119.5900, -100.6410, 12.2470 Background



This preview shows how black text looks on a background with the YIQ color 119.5900, -100.6410, 12.2470.



This preview shows how white text looks on a background with the YIQ color 119.5900, -100.6410, 12.2470.

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

119.5900, -100.6410, 12.2470

Protanopia

131.9320, -66.0730, 24.5430

Deuteranopia

110.5660, -118.4290, 4.2190



Tritanopia

108.5070, -94.7190, -29.0150

Trichromacy



Original Color

119.5900, -100.6410, 12.2470

Protanomaly

127.6530, -78.5890, 20.0910

Deuteranomaly

113.9690, -112.1940, 6.8620

Tritanomaly

112.5090, -97.0600, -14.1160

Monochromacy



Original Color

119.5900, -100.6410, 12.2470

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.0130, -36.4050, 4.4830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.5900, -100.6410, 12.2470 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(31, 139, 252)` looks like.

```
.text, #text, p{  
    color:rgb(31, 139, 252)  
}
```

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(31, 139, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 139, 252) }
```

Border

The CSS property to change the border of an element to YIQ 119.5900, -100.6410, 12.2470 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(31, 139, 252) }
```


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

```
.border{ border-color:rgb(31, 139, 252) }
```

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

Here you see how a box with a 4 pixel rgb(31, 139, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 139, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 139, 252);  
box-shadow:4px 4px 4px 4px rgb(31, 139,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 119.5900, -100.6410, 12.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 139, 252) }
```

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

```
.background{ background-color: rgb(31, 139,  
252) }
```

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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