

Converting Colors

YIQ(118.7770, -94.0380, 8.2180)

Have a look what the booklet for
YIQ(118.7770, -94.0380, 8.2180)
contains.

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Color

**YIQ(118.7770, -94.0380,
8.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	228BED
RGB	34, 139, 237
RGB Percent	13%, 55%, 93%
CMY	0.8668, 0.4547, 0.0710
CMYK	0.86, 0.41, 0.00, 0.07
HSL	209°, 85%, 53%
HSV	209°, 86%, 93%
XYZ	25.1665, 24.9251, 83.5177
YIQ	118.7770, -94.0380, 8.2180

Conversions

Conversions Part 2

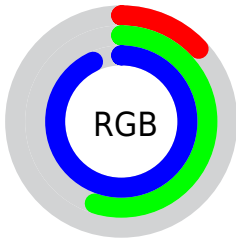
Format	Color
R _Y B	34, 103, 237
Decimal	2264045
CIE Lab	57.00, 6.40, -57.21
CIE LCh	57, 57.569, 276.386
Yxy	24.9251, 0.1884, 0.1866
Android (android.graphics.Color)	4280454125 (0xFF228BED)
YUV	118.7770, 58.2839, -74.3494
Hunter-Lab	49.9250, 2.6104, -64.2364

Details

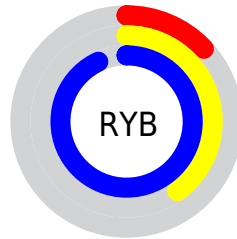
The YIQ color **118.7770, -94.0380, 8.2180** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **152.2230, 94.0380, -8.2180**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **176.4580, -65.5190, 3.4810**, and **73.3500, -82.5300, 8.9100** is the 20% darker color. If you saturate the color by 10%, you get **105.1440, -105.3170, 8.8830**, and if you desaturate by 10%, it is **132.4100, -82.7590, 7.5530**.

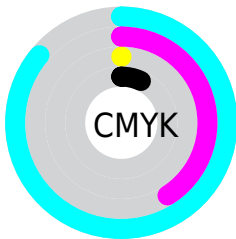
Distribution



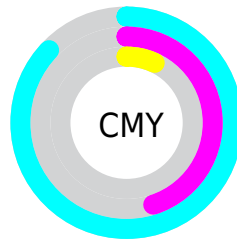
- Red (13%)
- Green (55%)
- Blue (93%)



- Red (13%)
- Yellow (40%)
- Blue (93%)



- Cyan (86%)
- Magenta (41%)
- Yellow (0%)
- Black (7%)



- Cyan (87%)
- Magenta (45%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.7770, -94.0380, 8.2180 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 118.7770, -94.0380, 8.2180 by changing the saturation by 10% instead.

■ 118.7770,
-94.0380, 8.2180

■ 118.7770,
-94.0380, 8.2180

■ 255.0000, -0.0000,
-0.0000

■ 90.6300, -98.1180,
5.0660

■ 176.4580,
-65.5190, 3.4810

■ 73.3500, -82.5300,
8.9100

■ 202.4620,
-54.1470, -4.3790

■ 56.7710, -67.5380,
12.5420

■ 228.1670,
-43.3710, -12.4510

■ 41.4800, -53.4170,
15.4390

■ 241.8440,
-26.2240, -9.3280

■ 27.3630, -39.8460,
17.2900

■ 251.1130, -7.7480,
-2.7560

■ 13.9470, -26.8710,
18.9290

■ 8.8630, -18.0670,

13.5570

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,
0.3110

■ 118.7770,
-94.0380, 8.2180

■ 118.7770,
-94.0380, 8.2180

■ 105.1440,
-105.3170, 8.8830

■ 132.4100,
-82.7590, 7.5530

■ 99.2190,
-109.9020, 9.3780

■ 146.3310,
-72.3510, 6.1530

■ 159.9640,
-61.0720, 5.4880

■ 174.1840,
-50.0680, 4.3000

■ 187.5180,
-39.3850, 3.4230

■ 201.7380,
-28.3810, 2.2350

■ 215.3710,
-17.1020, 1.5700

■ 228.7050, -6.4190,
0.6930

■ 242.9250, 4.5850,
-0.4950

Harmonies

Analogous

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



115.8030, -115.2630, -9.1110



118.7770, -94.0380, 8.2180



140.1530, -12.1110, 37.7850

Triad

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



118.7770, -94.0380, 8.2180



133.3120, 78.8110, 19.9550



103.4620, -73.6240, -53.4000

Complementary

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



118.7770, -94.0380, 8.2180



152.2230, 94.0380, -8.2180

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.



124.1230, 2.3460, -42.5340



118.7770, -94.0380, 8.2180



132.5330, 69.7380, -8.3580

Square

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



118.7770, -94.0380, 8.2180



134.1210, 70.0040, 41.9080



129.2610, 46.1760, -32.8960



111.1510, -91.1410, -38.7970

Rectangle

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



118.7770, -94.0380, 8.2180



140.4580, 23.8790, 46.3350



129.2610, 46.1760, -32.8960



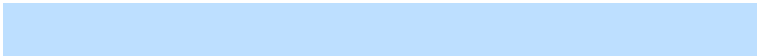
114.5170, -39.9260, -47.3660

Sweetspot

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



118.7770, -94.0380, 8.2180



216.4820, -30.5360, 2.7440



163.9910, -86.3200, -76.6240



104.3000, -18.3400, 1.9800



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.



118.7770, -94.0380, 8.2180



106.5540, -118.1550, 10.2690



61.2510, -67.0880, 59.4720



110.7760, -5.1810, 0.2830



75.8120, -83.9510, 7.1290



22.5920, -25.0340, 2.1500

Inverse Universe

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



106.6670, 87.2830, 75.6910



91.2930, 109.6080, 95.1120



209.7490, 67.0880, -59.4720



109.9730, 4.6300, 4.1980



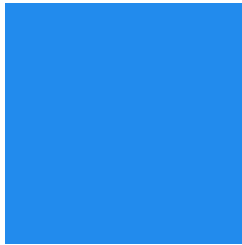
64.8350, 77.7020, 67.6060



19.3380, 23.1960, 20.1560

Previews

White Background



This preview shows how the YIQ color 118.7770, -94.0380, 8.2180 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 118.7770, -94.0380, 8.2180 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

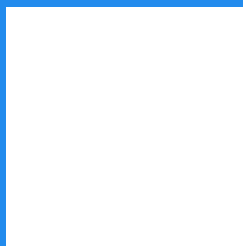
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 118.7770, -94.0380, 8.2180

Background



This preview shows how black text looks on a background with the YIQ color 118.7770, -94.0380, 8.2180.



This preview shows how white text looks on a background with the YIQ color 118.7770, -94.0380, 8.2180.

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

118.7770, -94.0380, 8.2180

Protanopia

132.5110, -54.7020, 22.2100

Deuteranopia

123.5720, -83.0350, 12.5570



Tritanopia

107.1050, -93.5270, -28.5910

Trichromacy



Original Color

118.7770, -94.0380, 8.2180

Protanomaly

127.3350, -69.0060, 17.1220

Deuteranomaly

121.4790, -87.2070, 11.0730

Tritanomaly

111.4230, -93.9420, -15.5580

Monochromacy



Original Color

118.7770, -94.0380, 8.2180

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.7420, -34.2040, 3.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.7770, -94.0380, 8.2180 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(34, 139, 237)` looks like.

```
.text, #text, p{  
    color:rgb(34, 139, 237)  
}
```

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(34, 139, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 139, 237) }
```

Border

The CSS property to change the border of an element to YIQ 118.7770, -94.0380, 8.2180 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(34, 139, 237) }
```


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

```
.border{ border-color:rgb(34, 139, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 139, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 139, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 139, 237);  
box-shadow:4px 4px 4px 4px rgb(34, 139,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 118.7770, -94.0380, 8.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 139, 237) }
```

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

```
.background{ background-color: rgb(34, 139,  
237) }
```

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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