

Converting Colors

YIQ(119.2790, -110.1310,
8.0210)

Have a look what the booklet for
YIQ(119.2790, -110.1310, 8.0210)
contains.

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Color

**YIQ(119.2790, -110.1310,
8.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	1390FF
RGB	19, 144, 255
RGB Percent	7%, 56%, 100%
CMY	0.9255, 0.4351, 0.0005
CMYK	0.93, 0.43, 0.00, 0.00
HSL	208°, 100%, 54%
HSV	208°, 93%, 100%
XYZ	28.2772, 27.3118, 98.2765
YIQ	119.2790, -110.1310, 8.0210

Conversions

Conversions Part 2

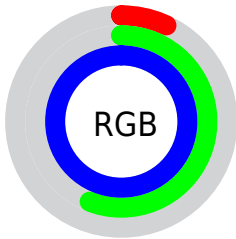
Format	Color
RYP	19, 101, 255
Decimal	1282303
CIELab	59.26, 9.38, -63.52
CIElCh	59, 64.210, 278.402
Yxy	27.3118, 0.1838, 0.1775
Android (android.graphics.Color)	4279472383 (0xFF1390FF)
YUV	119.2790, 66.9105, -87.9447
Hunter-Lab	52.2607, 5.1266, -74.9127

Details

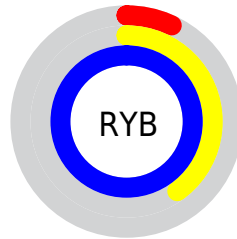
The YIQ color **119.2790, -110.1310, 8.0210** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **154.7210, 110.1310, -8.0210**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0940, -67.4900, 0.6540**, and **78.2230, -89.3620, 11.5820** is the 20% darker color. If you saturate the color by 10%, you get **108.3150, -118.9800, 8.7000**, and if you desaturate by 10%, it is **133.7980, -98.5310, 7.0450**.

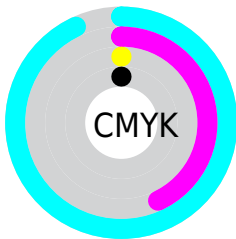
Distribution



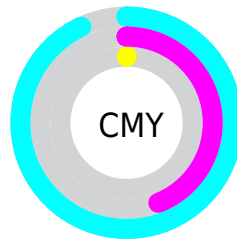
- Red (7%)
- Green (56%)
- Blue (100%)



- Red (7%)
- Yellow (40%)
- Blue (100%)



- Cyan (93%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (93%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.2790, -110.1310, 8.0210 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 119.2790, -110.1310, 8.0210 by changing the saturation by 10% instead.

■ 119.2790,
-110.1310, 8.0210

■ 119.2790,
-110.1310, 8.0210

■ 255.0000, -0.0000,
-0.0000

■ 95.6170,
-105.2710, 8.0490

■ 179.0940,
-67.4900, 0.6540

■ 78.2230, -89.3620,
11.5820

■ 205.6960,
-54.9260, -6.7820

■ 61.6440, -74.3700,
15.2140

■ 231.7000,
-43.5540, -14.6420

■ 46.1250, -59.6070,
17.4890

■ 242.4420,
-25.0320, -8.9040

■ 32.0080, -46.0360,
19.3400

■ 252.0100, -5.9600,
-2.1200

■ 15.6570, -31.6860,
23.5940

■ 11.6330, -23.1110,

16.8650

■ 6.6630, -14.6280,
11.8040

■ 3.0950, -7.3370,
6.3190

■ 119.2790,
-110.1310, 8.0210

■ 119.2790,
-110.1310, 8.0210

■ 108.3150,
-118.9800, 8.7000

■ 133.7980,
-98.5310, 7.0450

■ 148.6160,
-86.3350, 6.2810

■ 163.1350,
-74.7350, 5.3050

■ 177.9530,
-62.5390, 4.5410

■ 192.4720,
-50.9390, 3.5650

■ 207.2900,
-38.7430, 2.8010

■ 221.8090,
-27.1430, 1.8250

■ 236.6270,
-14.9470, 1.0610

■ 251.1460, -3.3470,
0.0850

Harmonies

Analogous

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



122.0780, -123.2870, -6.8630



119.2790, -110.1310, 8.0210



146.2230, -9.1320, 44.3720

Triad

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



119.2790, -110.1310, 8.0210



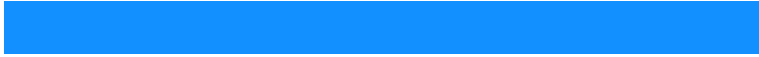
137.5150, 88.4850, 20.8450



108.7280, -77.4290, -56.0290

Complementary

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



119.2790, -110.1310, 8.0210



154.7210, 110.1310, -8.0210

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.



126.8680, -1.5500, -49.0220



119.2790, -110.1310, 8.0210



137.2640, 77.6250, -13.6310

Square

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



119.2790, -110.1310, 8.0210



137.8450, 79.7690, 46.6570



131.7590, 53.1010, -42.7630



117.1010, -96.8720, -39.5600

Rectangle

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



119.2790, -110.1310, 8.0210



145.4960, 29.8840, 53.1480



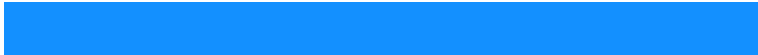
131.7590, 53.1010, -42.7630



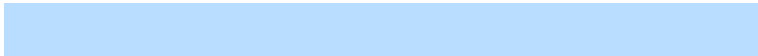
108.6770, -64.2240, -58.5600

Sweetspot

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



119.2790, -110.1310, 8.0210



213.8130, -32.9660, 2.7300



170.0720, -100.2100, -89.2180



102.5170, -20.4490, 1.6550



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.



119.2790, -110.1310, 8.0210



108.3150, -118.9800, 8.7000



50.6000, -77.9560, 69.2120



120.5910, -6.0980, 0.3820



81.0610, -89.0860, 6.5780



27.2540, -29.8940, 2.1220

Inverse Universe

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



103.8140, 100.5310, 88.9070



91.6350, 108.6450, 96.0450



223.4000, 77.9560, -69.2120



119.6850, 5.5010, 4.9330



68.6230, 81.4150, 71.9030



23.0120, 27.2300, 24.1420

Previews

White Background



This preview shows how the YIQ color 119.2790, -110.1310, 8.0210 looks on a white background.

Color Contrast Check

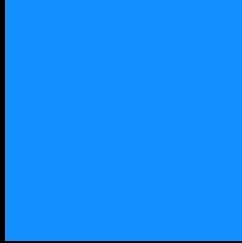
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.2790, -110.1310, 8.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

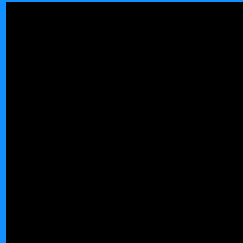
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

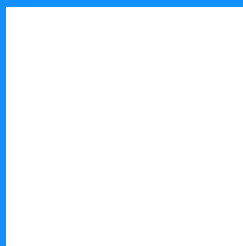
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.2790, -110.1310, 8.0210

Background



This preview shows how black text looks on a background with the YIQ color 119.2790, -110.1310, 8.0210.



This preview shows how white text looks on a background with the YIQ color 119.2790, -110.1310,

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

119.2790, -110.1310, 8.0210

Protanopia

136.6010, -63.6430, 24.5570

Deuteranopia

119.2790, -110.1310, 8.0210



Tritanopia

111.3110, -97.1030, -29.8630

Trichromacy



Original Color

119.2790, -110.1310, 8.0210

Protanomaly

130.2290, -80.3310, 18.6210

Deuteranomaly

119.2790, -110.1310, 8.0210

Tritanomaly

114.1170, -101.8280, -15.8120

Monochromacy



Original Color

119.2790, -110.1310, 8.0210

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1050, -39.6600, 2.9000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.2790, -110.1310, 8.0210 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(19, 144, 255)` looks like.

```
.text, #text, p{  
    color:rgb(19, 144, 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(19, 144, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 144, 255) }
```

Border

The CSS property to change the border of an element to YIQ 119.2790, -110.1310, 8.0210 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(19, 144, 255) }
```


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

```
.border{ border-color:rgb(19, 144, 255) }
```

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

Here you see how a box with a 4 pixel rgb(19, 144, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 144, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 144, 255);  
box-shadow:4px 4px 4px 4px rgb(19, 144,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 119.2790, -110.1310, 8.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 144, 255) }
```

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

```
.background{ background-color: rgb(19, 144,  
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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