

Converting Colors

YIQ(125.7690, -108.7550,
5.1090)

Have a look what the booklet for
YIQ(125.7690, -108.7550, 5.1090)
contains.

YIQ(125.7690, -108.7550, 5.1090)	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(125.7690, -108.7550,
5.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	1998FF
RGB	25, 152, 255
RGB Percent	10%, 60%, 100%
CMY	0.9020, 0.4037, 0.0005
CMYK	0.90, 0.40, 0.00, 0.00
HSL	207°, 100%, 55%
HSV	207°, 90%, 100%
XYZ	29.6654, 29.8914, 98.7038
YIQ	125.7690, -108.7550, 5.1090

Conversions

Conversions Part 2

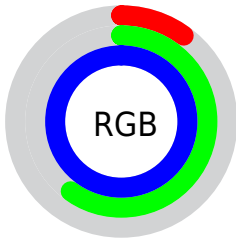
Format	Color
RYB	25, 107, 255
Decimal	1677567
CIELab	61.56, 4.85, -59.84
CIELCh	62, 60.034, 274.634
Yxy	29.8914, 0.1874, 0.1889
Android (android.graphics.Color)	4279867647 (0xFF1998FF)
YUV	125.7690, 63.7109, -88.3744
Hunter-Lab	54.6730, 1.1756, -68.7679

Details

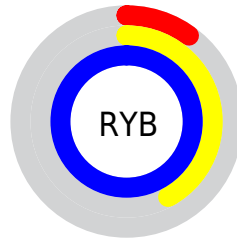
The YIQ color **125.7690, -108.7550, 5.1090** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **154.2310, 108.7550, -5.1090**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.9750, -68.7730, -3.6290**, and **82.4460, -91.6080, 8.2320** is the 20% darker color. If you saturate the color by 10%, you get **111.8370, -120.6300, 5.5620**, and if you desaturate by 10%, it is **139.7010, -96.8800, 4.6560**.

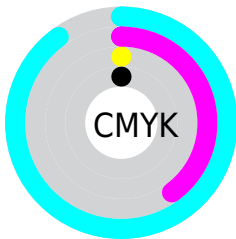
Distribution



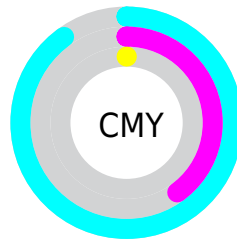
- Red (10%)
- Green (60%)
- Blue (100%)



- Red (10%)
- Yellow (42%)
- Blue (100%)



- Cyan (90%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (90%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.7690, -108.7550, 5.1090 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 125.7690, -108.7550, 5.1090 by changing the saturation by 10% instead.

■ 125.7690,
-108.7550, 5.1090

■ 125.7690,
-108.7550, 5.1090

■ 255.0000, -0.0000,
-0.0000

■ 99.7260,
-107.1960, 4.3880

■ 184.9750,
-68.7730, -3.6290

■ 82.3320, -91.2870,
7.9210

■ 211.2780,
-56.8050, -11.2770

■ 65.7530, -76.2950,
11.5530

■ 233.4720,
-42.9120, -15.2640

■ 49.7610, -61.5780,
14.6620

■ 242.7410,
-24.4360, -8.6920

■ 34.9430, -47.4110,
16.7250

■ 252.3090, -5.3640,
-1.9080

■ 19.1790, -33.3360,
20.4560

■ 11.7470, -23.4320,

17.1760

■ 6.7770, -14.9490,
12.1150

■ 3.0950, -7.3370,
6.3190

■ 125.7690,
-108.7550, 5.1090

■ 125.7690,
-108.7550, 5.1090

■ 111.8370,
-120.6300, 5.5620

■ 139.7010,
-96.8800, 4.6560

■ 154.5190,
-84.6840, 3.8920

■ 168.4510,
-72.8090, 3.4390

■ 183.2690,
-60.6130, 2.6750

■ 197.2010,
-48.7380, 2.2220

■ 211.4320,
-36.2670, 1.9810

■ 225.9510,
-24.6670, 1.0050

■ 240.1820,
-12.1960, 0.7640

254.7010, -0.5960,
-0.2120

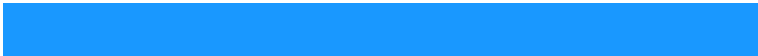
Harmonies

Analogous

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



125.2580, -123.9740, -10.9340



125.7690, -108.7550, 5.1090



152.0540, -16.1460, 39.3260

Triad

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



125.7690, -108.7550, 5.1090



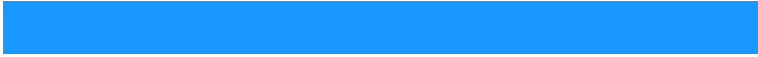
145.2310, 83.5330, 22.4850



111.8910, -79.4460, -58.0220

Complementary

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



125.7690, -108.7550, 5.1090



154.2310, 108.7550, -5.1090

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.



135.6240, 5.1890, -44.4990



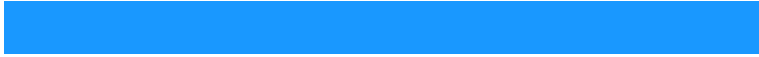
125.7690, -108.7550, 5.1090



144.6970, 75.1480, -7.2840

Square

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



125.7690, -108.7550, 5.1090



146.7840, 72.5710, 44.9470



141.3000, 50.4400, -33.0800



119.9220, -97.9260, -42.4860

Rectangle

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



125.7690, -108.7550, 5.1090



152.5550, 22.2280, 48.7240



141.3000, 50.4400, -33.0800



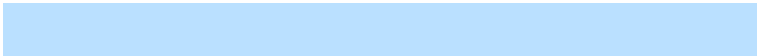
127.0180, -37.0830, -49.3310

Sweetspot

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



125.7690, -108.7550, 5.1090



216.1720, -32.5990, 1.5850



171.4100, -95.3500, -89.1900



104.5880, -19.2110, 1.2450



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.



125.7690, -108.7550, 5.1090



111.8370, -120.6300, 5.5620



60.0250, -77.9550, 63.6850



120.5910, -6.0980, 0.3820



83.9960, -90.4610, 3.9630



27.8410, -30.1690, 1.5990

Inverse Universe

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



108.2480, 96.3130, 88.2570



92.3190, 106.7190, 97.9110



219.9750, 77.9550, -63.6850



119.6850, 5.5010, 4.9330



69.1930, 79.8100, 73.4580



23.1260, 26.9090, 24.4530

Previews

White Background



This preview shows how the YIQ color 125.7690, -108.7550, 5.1090 looks on a white background.

Color Contrast Check

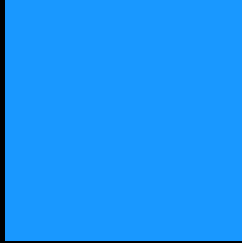
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.7690, -108.7550, 5.1090 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

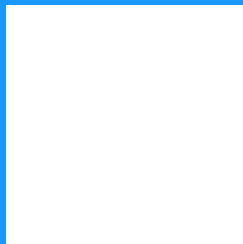
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 125.7690, -108.7550, 5.1090

Background



This preview shows how black text looks on a background with the YIQ color 125.7690, -108.7550, 5.1090.



This preview shows how white text looks on a background with the YIQ color 125.7690, -108.7550,

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

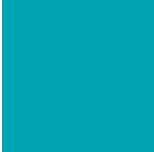
125.7690, -108.7550, 5.1090

Protanopia

143.7820, -56.9030, 23.5530

Deuteranopia

135.3700, -85.2820, 14.7340



Tritanopia

116.3320, -101.5960, -31.0360

Trichromacy



Original Color

125.7690, -108.7550, 5.1090

Protanomaly

137.2140, -75.9750, 16.7690

Deuteranomaly

131.7710, -93.9010, 11.2430

Tritanomaly

119.9810, -104.4410, -18.0170

Monochromacy



Original Color

125.7690, -108.7550, 5.1090

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.5780, -39.6140, 2.0660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.7690, -108.7550, 5.1090 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(25, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(25, 152, 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(25, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 152, 255) }
```

Border

The CSS property to change the border of an element to YIQ 125.7690, -108.7550, 5.1090 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(25, 152, 255) }
```


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

```
.border{ border-color:rgb(25, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(25, 152,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 125.7690, -108.7550, 5.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 152, 255) }
```

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

```
.background{ background-color: rgb(25, 152,  
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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