

Converting Colors

YIQ(113.2770, -98.6220, 3.1860)

Have a look what the booklet for
YIQ(113.2770, -98.6220, 3.1860)
contains.

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Color

**YIQ(113.2770, -98.6220,
3.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	158AE4
RGB	21, 138, 228
RGB Percent	8%, 54%, 89%
CMY	0.9177, 0.4586, 0.1063
CMYK	0.91, 0.39, 0.00, 0.11
HSL	206°, 83%, 49%
HSV	206°, 91%, 89%
XYZ	23.3909, 23.9449, 76.7022
YIQ	113.2770, -98.6220, 3.1860

Conversions

Conversions Part 2

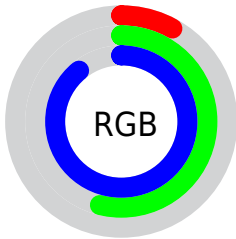
Format	Color
R_{YB}	21, 96, 228
Decimal	1411812
CIE _{Lab}	56.03, 2.85, -53.76
CIE _{LCh}	56, 53.837, 273.032
Yxy	23.9449, 0.1886, 0.1930
Android (android.graphics.Color)	4279601892 (0xFF158AE4)
YUV	113.2770, 56.5584, -80.9269
Hunter-Lab	48.9335, -0.3081, -58.6824

Details

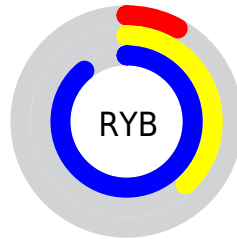
The YIQ color **113.2770, -98.6220, 3.1860** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **135.7230, 98.6220, -3.1860**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7780, -69.4160, 2.5200**, and **71.8510, -79.6870, 6.9450** is the 20% darker color. If you saturate the color by 10%, you get **101.7150, -108.6630, 3.4410**, and if you desaturate by 10%, it is **126.0240, -87.6640, 2.8320**.

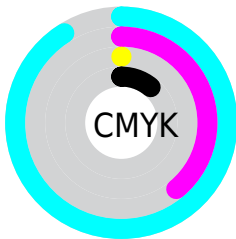
Distribution



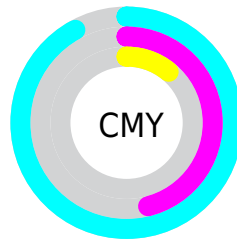
- Red (8%)
- Green (54%)
- Blue (89%)



- Red (8%)
- Yellow (38%)
- Blue (89%)



- Cyan (91%)
- Magenta (39%)
- Yellow (0%)
- Black (11%)



- Cyan (92%)
- Magenta (46%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.2770, -98.6220, 3.1860 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 113.2770, -98.6220, 3.1860 by changing the saturation by 10% instead.

■ 113.2770,
-98.6220, 3.1860

■ 113.2770,
-98.6220, 3.1860

■ 255.0000, -0.0000,
-0.0000

■ 89.1310, -95.2750,
3.1010

■ 173.7780,
-69.4160, 2.5200

■ 71.8510, -79.6870,
6.9450

■ 200.0810,
-57.4480, -5.1280

■ 55.2720, -64.6950,
10.5770

■ 225.7860,
-46.6720, -13.2000

■ 39.9810, -50.5740,
13.4740

■ 239.7510,
-30.3960, -10.8120

■ 25.8640, -37.0030,
15.3250

■ 249.0200,
-11.9200, -4.2400

■ 12.5620, -24.3490,
17.2750

■ 7.0050, -15.5910,

12.7370

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 113.2770,
-98.6220, 3.1860

■ 113.2770,
-98.6220, 3.1860

■ 101.7150,
-108.6630, 3.4410

■ 126.0240,
-87.6640, 2.8320

■ 138.7710,
-76.7060, 2.4780

■ 151.2190,
-66.3440, 1.9120

■ 163.9660,
-55.3860, 1.5580

■ 176.7130,
-44.4280, 1.2040

■ 188.8730,
-33.1950, 1.3730

■ 201.3210,
-22.8330, 0.8070

■ 214.0680,
-11.8750, 0.4530

■ 226.8150, -0.9170,
0.0990

Harmonies

Analogous

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



112.7880, -110.9070, -10.9630



113.2770, -98.6220, 3.1860



137.1800, -16.7410, 33.5870

Triad

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



113.2770, -98.6220, 3.1860



131.6150, 73.5840, 21.0720



108.4320, -55.7440, -47.0400

Complementary

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



113.2770, -98.6220, 3.1860



135.7230, 98.6220, -3.1860

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.



123.3950, 7.5720, -38.1240



113.2770, -98.6220, 3.1860



131.0860, 66.8030, -4.7250

Square

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



113.2770, -98.6220, 3.1860



132.9460, 63.1270, 39.8870



128.5370, 45.5790, -27.5810



107.8910, -87.4730, -39.1930

Rectangle

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



113.2770, -98.6220, 3.1860



138.1150, 17.4150, 42.3350



128.5370, 45.5790, -27.5810



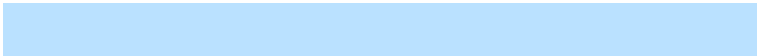
116.9100, -27.7310, -42.6030

Sweetspot

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



113.2770, -98.6220, 3.1860



216.7590, -32.8740, 1.0620



152.7690, -85.8150, -80.2710



105.1750, -19.4860, 0.7220



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.



113.2770, -98.6220, 3.1860



113.5980, -121.4550, 3.9930



52.8160, -70.2970, 57.0550



108.4770, -5.7770, 0.0710



79.6930, -85.2340, 2.8460



22.8370, -24.3460, 0.6940

Inverse Universe

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



96.2310, 85.8150, 80.2710



92.6610, 105.7560, 98.8440



196.1840, 70.2970, -57.0550



107.3860, 4.9050, 4.7210



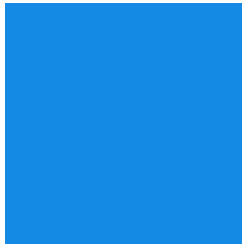
65.0350, 74.2630, 69.3590



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 113.2770, -98.6220, 3.1860 looks on a white background.

Color Contrast Check

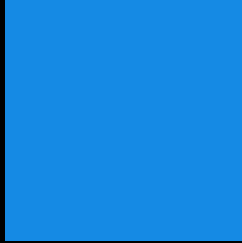
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.2770, -98.6220, 3.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

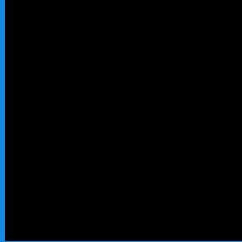
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

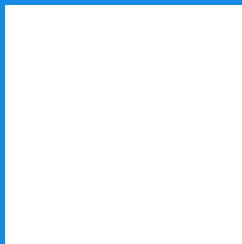
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 113.2770, -98.6220, 3.1860

Background



This preview shows how black text looks on a background with the YIQ color 113.2770, -98.6220, 3.1860.

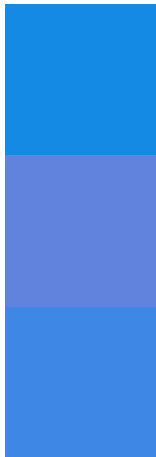


This preview shows how white text looks on a background with the YIQ color 113.2770, -98.6220,

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

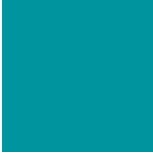
113.2770, -98.6220, 3.1860

Protanopia

130.5070, -48.8790, 21.3050

Deuteranopia

123.8890, -73.6820, 13.7580



Tritanopia

105.0020, -91.7390, -27.9550

Trichromacy



Original Color

113.2770, -98.6220, 3.1860

Protanomaly

124.2380, -67.3550, 14.7330

Deuteranomaly

119.9910, -82.8970, 10.0550

Tritanomaly

107.8960, -93.8960, -16.3920

Monochromacy



Original Color

113.2770, -98.6220, 3.1860

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.2040, -35.6250, 1.3590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.2770, -98.6220, 3.1860 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(21, 138, 228)` looks like.

```
.text, #text, p{  
    color:rgb(21, 138, 228)  
}
```

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(21, 138, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 138, 228) }
```

Border

The CSS property to change the border of an element to YIQ 113.2770, -98.6220, 3.1860 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(21, 138, 228) }
```


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

```
.border{ border-color:rgb(21, 138, 228) }
```

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

Here you see how a box with a 4 pixel rgb(21, 138, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 138, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 138, 228);  
box-shadow:4px 4px 4px 4px rgb(21, 138,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 113.2770, -98.6220, 3.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 138, 228) }
```

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

```
.background{ background-color: rgb(21, 138,  
228) }
```

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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