

Converting Colors

YIQ(153.0590, -122.2760,
-19.6840)

Have a look what the booklet for
YIQ(153.0590, -122.2760, -19.6840)
contains.

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Color

**YIQ(153.0590, -122.2760,
-19.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	18C7FF
RGB	24, 199, 255
RGB Percent	9%, 78%, 100%
CMY	0.9061, 0.2193, 0.0005
CMYK	0.91, 0.22, 0.00, 0.00
HSL	194°, 100%, 55%
HSV	194°, 91%, 100%
XYZ	38.8431, 48.2851, 101.7667
YIQ	153.0590, -122.2760, -19.6840

Conversions

Conversions Part 2

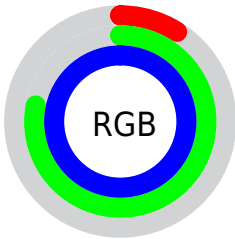
Format	Color
R _Y B	24, 124, 255
Decimal	1624063
CIE Lab	75.00, -21.21, -38.64
CIE LCh	75, 44.080, 241.233
Yxy	48.2851, 0.2056, 0.2556
Android (android.graphics.Color)	4279814143 (0xFF18C7FF)
YUV	153.0590, 50.2569, -113.1847
Hunter-Lab	69.4875, -21.8227, -38.1909

Details

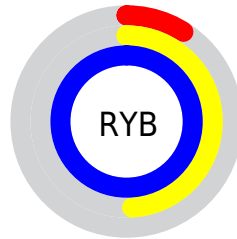
The YIQ color **153.0590, -122.2760, -19.6840** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **125.9410, 122.2760, 19.6840**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.3360, -81.0560, -28.8320**, and **107.6870, -103.4330, -14.2570** is the 20% darker color. If you saturate the color by 10%, you get **142.3610, -134.9300, -21.6340**, and if you desaturate by 10%, it is **164.0560, -109.0260, -17.5220**.

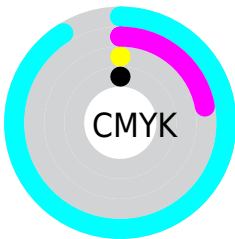
Distribution



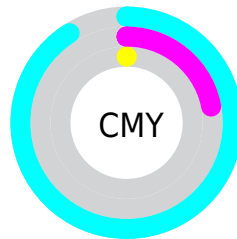
- Red (9%)
- Green (78%)
- Blue (100%)



- Red (9%)
- Yellow (49%)
- Blue (100%)



- Cyan (91%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.0590, -122.2760, -19.6840 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 153.0590, -122.2760, -19.6840 by changing the saturation by 10% instead.

■ 153.0590,
-122.2760, -19.6840

■ 153.0590,
-122.2760, -19.6840

■ 255.0000, -0.0000,
-0.0000

■ 126.7280,
-119.8460, -19.6700

■ 214.0370,
-81.6520, -29.0440

■ 107.6870,
-103.4330, -14.2570

■ 224.2030,
-61.3880, -21.8360

■ 89.2330, -87.2950,
-9.3670

■ 234.0700,
-41.7200, -14.8400

■ 71.5940, -72.0740,
-4.3780

■ 243.6380,
-22.6480, -8.0560

■ 55.1290, -57.4030,
-0.4350

■ 253.2060, -3.5760,
-1.2720

■ 38.7780, -43.0530,
3.8190

■ 25.4760, -30.3990,

5.7690

■ 7.5920, -15.8660,
12.2140

■ 3.4370, -8.3000,
7.2520

■ 153.0590,
-122.2760, -19.6840

■ 153.0590,
-122.2760, -19.6840

■ 142.3610,
-134.9300, -21.6340

■ 164.0560,
-109.0260, -17.5220

■ 175.3520,
-95.1800, -15.1480

■ 186.9360,
-82.2050, -13.5090

■ 198.2320,
-68.3590, -11.1350

■ 209.2290,
-55.1090, -8.9730

■ 220.5250,
-41.2630, -6.5990

■ 231.5220,
-28.0130, -4.4370

■ 242.8180,
-14.1670, -2.0630

■ 253.8150, -0.9170,
0.0990

Harmonies

Analogous

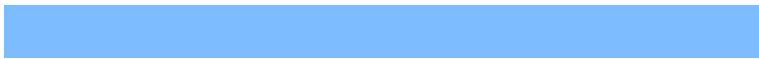
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



145.9850, -128.6000, -37.2400



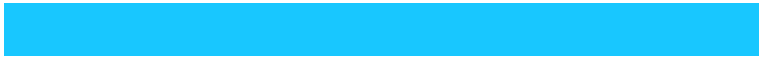
153.0590, -122.2760, -19.6840



176.8010, -59.0550, 7.4810

Triad

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



153.0590, -122.2760, -19.6840



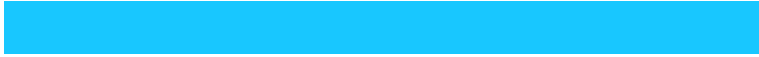
186.5590, 50.7950, 32.0990



177.2800, 9.6340, -31.4380

Complementary

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



153.0590, -122.2760, -19.6840



125.9410, 122.2760, 19.6840

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.



181.5400, 41.4970, -19.6790



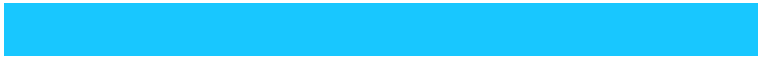
153.0590, -122.2760, -19.6840



184.3470, 62.5350, 17.5670

Square

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



153.0590, -122.2760, -19.6840



189.7320, 25.6230, 36.7510



184.5570, 61.1630, -1.6290



170.5600, -32.3170, -36.5810

Rectangle

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



153.0590, -122.2760, -19.6840



185.2720, -29.1640, 21.9400



184.5570, 61.1630, -1.6290



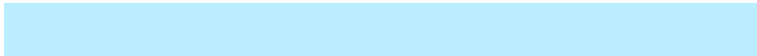
178.7330, 21.6000, -28.0320

Sweetspot

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



153.0590, -122.2760, -19.6840



224.3900, -36.4490, -5.7370



165.7530, -80.8590, -104.0190



109.8710, -21.6860, -3.4620



0.0000, 0.0000, 0.0000



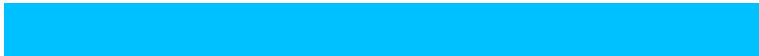
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



153.0590, -122.2760, -19.6840



142.3610, -134.9300, -21.6340



86.7280, -91.2010, 39.4150



121.7650, -6.6480, -0.6640



106.8890, -101.1860, -16.4340



35.4720, -33.7440, -5.2000

Inverse Universe

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



113.0190, 81.5010, 103.3970



98.2470, 90.0270, 114.0830



192.2720, 91.2010, -39.4150



119.9130, 4.8590, 5.5550



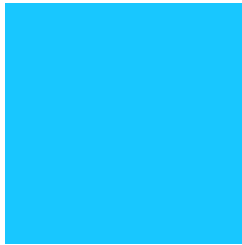
73.6390, 67.2910, 85.5870



24.6080, 22.7360, 28.4960

Previews

White Background



This preview shows how the YIQ color 153.0590, -122.2760, -19.6840 looks on a white background.

Color Contrast Check

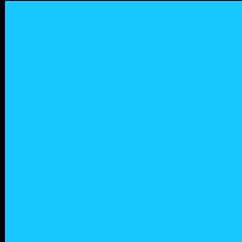
Large Text (above 18pt) WCAG AA × Fail

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 153.0590, -122.2760, -19.6840 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

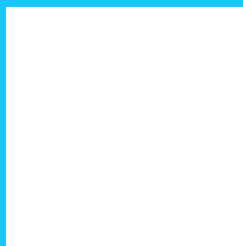
Any Text WCAG AAA ✓ Pass

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

YIQ 153.0590, -122.2760, -19.6840 Background



This preview shows how black text looks on a background with the YIQ color 153.0590, -122.2760, -19.6840.



This preview shows how white text looks on a background with the YIQ color 153.0590, -122.2760, -19.6840.

-19.6840.

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

153.0590, -122.2760, -19.6840

Protanopia

183.6540, -27.6040, 15.6920

Deuteranopia

182.5590, -37.4620, 18.1380



Tritanopia

144.7140, -126.3990, -38.5830

Trichromacy



Original Color

153.0590, -122.2760, -19.6840

Protanomaly

172.7850, -62.1260, 2.5620

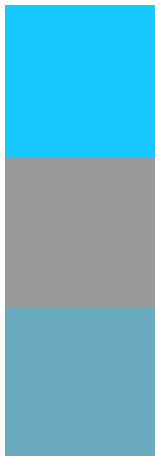
Deuteranomaly

172.0170, -68.5910, 4.0890

Tritanomaly

147.7130, -124.6580, -31.5860

Monochromacy



Original Color

153.0590, -122.2760, -19.6840

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.1440, -44.5640, -7.3480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.0590, -122.2760, -19.6840 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(24, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(24, 199, 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(24, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 199, 255) }
```

Border

The CSS property to change the border of an element to YIQ 153.0590, -122.2760, -19.6840 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(24, 199, 255) }
```


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

```
.border{ border-color:rgb(24, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(24, 199,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 153.0590, -122.2760, -19.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 199, 255) }
```

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

```
.background{ background-color: rgb(24, 199,  
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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