

Converting Colors

YIQ(149.1360, -121.1750,
-23.1190)

Have a look what the booklet for
YIQ(149.1360, -121.1750, -23.1190)
contains.

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Color

**YIQ(149.1360, -121.1750,
-23.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	13C5F4
RGB	19, 197, 244
RGB Percent	7%, 77%, 96%
CMY	0.9257, 0.2271, 0.0436
CMYK	0.92, 0.19, 0.00, 0.04
HSL	192°, 91%, 52%
HSV	192°, 92%, 96%
XYZ	36.5590, 46.6276, 92.5561
YIQ	149.1360, -121.1750, -23.1190

Conversions

Conversions Part 2

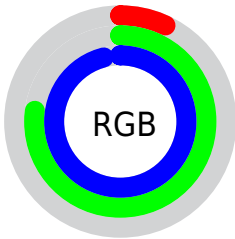
Format	Color
RYB	19, 118, 244
Decimal	1295860
CIELab	73.95, -24.09, -34.37
CIELCh	74, 41.973, 234.969
Yxy	46.6276, 0.2080, 0.2653
Android (android.graphics.Color)	4279485940 (0xFF13C5F4)
YUV	149.1360, 46.7680, -114.1293
Hunter-Lab	68.2844, -23.9302, -32.5655

Details

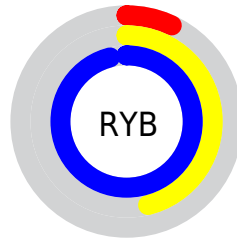
The YIQ color **149.1360, -121.1750, -23.1190** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **113.8640, 121.1750, 23.1190**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **212.5530, -83.1650, -29.1570**, and **105.3730, -99.6730, -16.3210** is the 20% darker color. If you saturate the color by 10%, you get **141.1070, -131.3990, -25.0550**, and if you desaturate by 10%, it is **159.2470, -108.2460, -20.6460**.

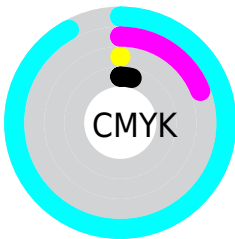
Distribution



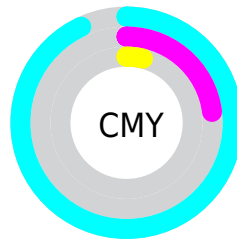
- Red (7%)
- Green (77%)
- Blue (96%)



- Red (7%)
- Yellow (46%)
- Blue (96%)



- Cyan (92%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (93%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.1360, -121.1750, -23.1190 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 149.1360, -121.1750, -23.1190 by changing the saturation by 10% instead.

■ 149.1360,
-121.1750, -23.1190

■ 149.1360,
-121.1750, -23.1190

■ 255.0000, -0.0000,
-0.0000

■ 124.3000,
-115.7650, -22.0450

■ 212.5530,
-83.1650, -29.1570

■ 105.2590,
-99.3520, -16.6320

■ 223.3060,
-63.1760, -22.4720

■ 86.9190, -83.5350,
-11.4310

■ 232.8740,
-44.1040, -15.6880

■ 69.2800, -68.3140,
-6.4420

■ 242.4420,
-25.0320, -8.9040

■ 52.8150, -53.6430,
-2.4990

■ 252.0100, -5.9600,
-2.1200

■ 36.5780, -39.6140,
2.0660

■ 22.1020, -26.4100,

5.0620

■ 6.0930, -13.0230,
10.2490

■ 2.2970, -5.0900,
4.1420

■ 149.1360,
-121.1750, -23.1190

■ 149.1360,
-121.1750, -23.1190

■ 141.1070,
-131.3990, -25.0550

■ 159.2470,
-108.2460, -20.6460

■ 169.6570,
-94.7210, -17.9610

■ 179.7680,
-81.7920, -15.4880

■ 189.8790,
-68.8630, -13.0150

■ 200.2890,
-55.3380, -10.3300

■ 210.9870,
-42.6840, -8.3800

■ 221.3970,
-29.1590, -5.6950

■ 231.5080,
-16.2300, -3.2220

■ 241.6190, -3.3010,
-0.7490

Harmonies

Analogous

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



142.8560, -123.9230, -39.4030



149.1360, -121.1750, -23.1190



172.9140, -66.8030, 4.7250

Triad

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



149.1360, -121.1750, -23.1190



185.9330, 46.8060, 32.8060



175.5090, 16.4190, -27.7490

Complementary

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



149.1360, -121.1750, -23.1190



113.8640, 121.1750, 23.1190

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.



179.4420, 44.8890, -15.0710



149.1360, -121.1750, -23.1190



183.2700, 61.4340, 21.0020

Square

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



149.1360, -121.1750, -23.1190



186.7740, 16.6370, 34.4050



182.3060, 60.6120, 2.8520



170.3010, -21.2220, -33.9100

Rectangle

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



149.1360, -121.1750, -23.1190



181.0860, -37.5080, 18.9720



182.3060, 60.6120, 2.8520



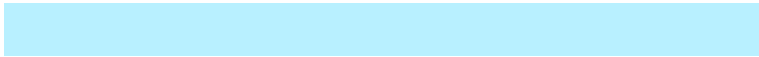
177.4780, 26.8720, -24.4560

Sweetspot

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



149.1360, -121.1750, -23.1190



224.9660, -38.1910, -7.2070



156.2050, -76.3200, -103.6800



108.9740, -23.4740, -4.0980



0.0000, 0.0000, 0.0000



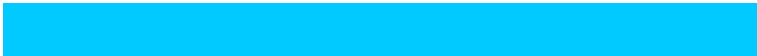
128.0000, -0.0000, -0.0000

Same Dimension

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



149.1360, -121.1750, -23.1190



147.6440, -137.4050, -26.3410



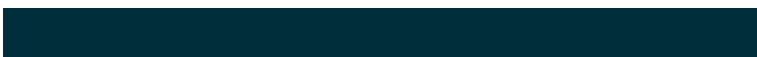
83.9790, -90.6500, 34.9340



117.2380, -6.6020, -1.4980



107.4930, -100.1310, -19.0350



33.7280, -31.5890, -5.7090

Inverse Universe

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



106.5670, 76.9620, 103.0580



99.2730, 87.1380, 116.8820



178.4340, 90.9250, -34.4110



114.7280, 3.9420, 5.6540



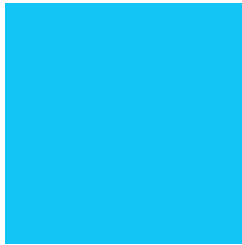
72.3720, 63.6690, 85.1490



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 149.1360, -121.1750, -23.1190 looks on a white background.

Color Contrast Check

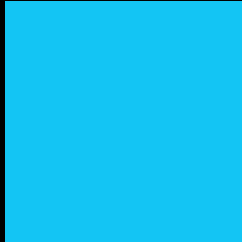
Large Text (above 18pt) WCAG AA × Fail

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 149.1360, -121.1750, -23.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

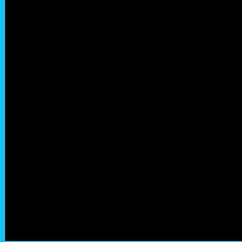
Any Text WCAG AA ✓ Pass

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 149.1360, -121.1750, -23.1190 Background



This preview shows how black text looks on a background with the YIQ color 149.1360, -121.1750, -23.1190.

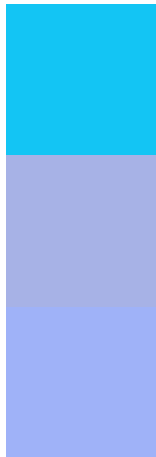


This preview shows how white text looks on a background with the YIQ color 149.1360, -121.1750, -23.1190.

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

149.1360, -121.1750, -23.1190

Protanopia

180.6390, -23.2480, 13.8400

Deuteranopia

180.2990, -33.7940, 17.7420



Tritanopia

142.6110, -124.6110, -37.9470

Trichromacy



Original Color

149.1360, -121.1750, -23.1190

Protanomaly

169.1720, -58.9620, 0.2860

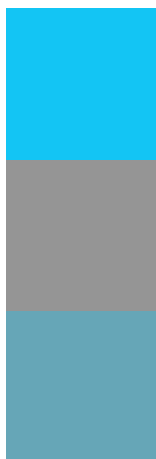
Deuteranomaly

168.9310, -65.4730, 2.6470

Tritanomaly

145.2570, -123.3740, -32.8300

Monochromacy



Original Color

149.1360, -121.1750, -23.1190

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.8020, -43.6010, -8.2810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.1360, -121.1750, -23.1190 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, 197, 244)` looks like.

```
.text, #text, p{  
    color:rgb(19, 197, 244)  
}
```

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, 197, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 197, 244) }
```

Border

The CSS property to change the border of an element to YIQ 149.1360, -121.1750, -23.1190 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, 197, 244) }
```


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

```
.border{ border-color:rgb(19, 197, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 197, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 197, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 197, 244);  
box-shadow:4px 4px 4px 4px rgb(19, 197,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 149.1360, -121.1750, -23.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 197, 244) }
```

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

```
.background{ background-color: rgb(19, 197,  
244) }
```

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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