

Converting Colors

YIQ(150.9420, -117.8730,
-27.8970)

Have a look what the booklet for
YIQ(150.9420, -117.8730, -27.8970)
contains.

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Color

**YIQ(150.9420, -117.8730,
-27.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	15C9EA
RGB	21, 201, 234
RGB Percent	8%, 79%, 92%
CMY	0.9179, 0.2115, 0.0828
CMYK	0.91, 0.14, 0.00, 0.08
HSL	189°, 84%, 50%
HSV	189°, 91%, 92%
XYZ	36.0446, 47.9002, 85.0931
YIQ	150.9420, -117.8730, -27.8970

Conversions

Conversions Part 2

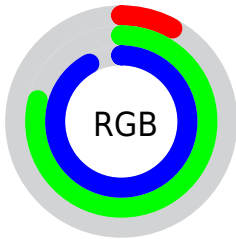
Format	Color
RYB	21, 119, 234
Decimal	1427946
CIELab	74.76, -29.30, -27.74
CIELCh	75, 40.347, 223.427
Yxy	47.9002, 0.2132, 0.2834
Android (android.graphics.Color)	4279618026 (0xFF15C9EA)
YUV	150.9420, 40.9476, -113.9591
Hunter-Lab	69.2100, -28.1546, -24.4496

Details

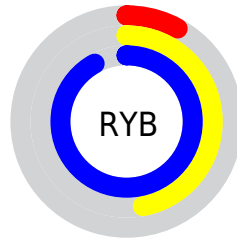
The YIQ color **150.9420, -117.8730, -27.8970** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **104.0580, 117.8730, 27.8970**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8410, -84.0360, -29.8920**, and **106.5810, -97.5630, -21.5230** is the 20% darker color. If you saturate the color by 10%, you get **142.9020, -129.5640, -30.7800**, and if you desaturate by 10%, it is **160.1670, -105.2650, -25.1130**.

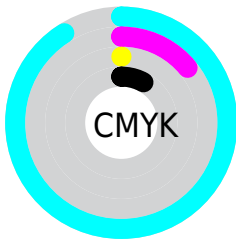
Distribution



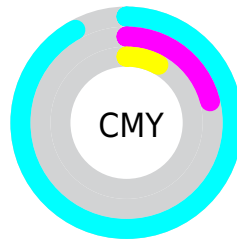
- Red (8%)
- Green (79%)
- Blue (92%)



- Red (8%)
- Yellow (47%)
- Blue (92%)



- Cyan (91%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (21%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.9420, -117.8730, -27.8970 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 150.9420, -117.8730, -27.8970 by changing the saturation by 10% instead.

■ 150.9420,
-117.8730, -27.8970

■ 150.9420,
-117.8730, -27.8970

■ 255.0000, -0.0000,
-0.0000

■ 125.6220,
-113.9760, -26.9360

■ 212.8410,
-84.0360, -29.8920

■ 106.5810,
-97.5630, -21.5230

■ 223.0070,
-63.7720, -22.6840

■ 88.2410, -81.7460,
-16.3220

■ 232.5750,
-44.7000, -15.9000

■ 70.6020, -66.5250,
-11.3330

■ 242.1430,
-25.6280, -9.1160

■ 53.0770, -51.6250,
-6.0330

■ 251.4120, -7.1520,
-2.5440

■ 36.8400, -37.5960,
-1.4680

■ 22.4780, -24.7130,

1.8390

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 150.9420,
-117.8730, -27.8970

■ 150.9420,
-117.8730, -27.8970

■ 142.9020,
-129.5640, -30.7800

■ 160.1670,
-105.2650, -25.1130

■ 169.1040,
-91.7860, -21.5940

■ 178.3290,
-79.1780, -18.8100

■ 186.9670,
-66.2950, -15.5030

■ 196.4910,
-53.0910, -12.5070

■ 205.7160,
-40.4830, -9.7230

■ 214.6530,
-27.0040, -6.2040

■ 223.8780,
-14.3960, -3.4200

■ 232.5160, -1.5130,
-0.1130

Harmonies

Analogous

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



156.6010, -92.2880, -34.5280



150.9420, -117.8730, -27.8970



170.3420, -80.0520, -2.9640

Triad

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



150.9420, -117.8730, -27.8970



188.8870, 35.2520, 32.9480



179.8310, 27.3760, -22.5760

Complementary

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



150.9420, -117.8730, -27.8970



104.0580, 117.8730, 27.8970

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.



183.1810, 50.2980, -8.4700



150.9420, -117.8730, -27.8970



186.3820, 55.4270, 25.2430

Square

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



150.9420, -117.8730, -27.8970



188.2390, 1.9660, 30.4620



184.9350, 60.5190, 10.0470



175.4940, -5.5880, -30.9000

Rectangle

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



150.9420, -117.8730, -27.8970



179.2150, -51.3530, 11.0710



184.9350, 60.5190, 10.0470



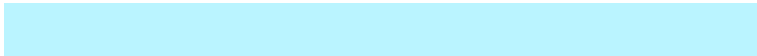
180.8430, 36.2700, -18.5620

Sweetspot

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



150.9420, -117.8730, -27.8970



227.9120, -38.0990, -8.8750



149.6790, -68.8470, -101.4470



111.6320, -22.5110, -5.0310



0.0000, 0.0000, 0.0000



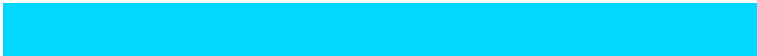
128.0000, -0.0000, -0.0000

Same Dimension

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



150.9420, -117.8730, -27.8970



155.8620, -141.2550, -33.6630



88.7200, -88.7230, 27.5410



112.5370, -6.0060, -1.2860



110.4450, -100.1760, -23.7280



32.5710, -29.7090, -6.7410

Inverse Universe

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



105.2070, 69.1680, 101.1360



100.8690, 82.6440, 121.2360



165.6930, 88.9980, -27.0180



110.3150, 3.6670, 5.1310



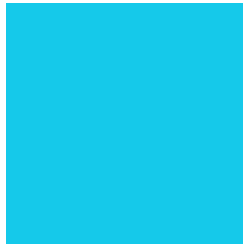
71.5610, 58.7630, 85.9550



21.2760, 17.7390, 25.4430

Previews

White Background



This preview shows how the YIQ color 150.9420, -117.8730, -27.8970 looks on a white background.

Color Contrast Check

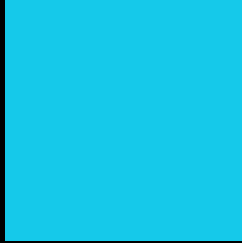
Large Text (above 18pt) WCAG AA × Fail

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 150.9420, -117.8730, -27.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

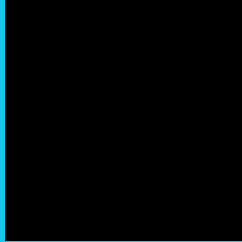
Any Text WCAG AA ✓ Pass

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 150.9420, -117.8730, -27.8970 Background



This preview shows how black text looks on a background with the YIQ color 150.9420, -117.8730, -27.8970.

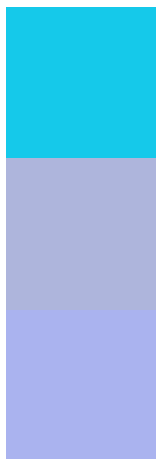


This preview shows how white text looks on a background with the YIQ color 150.9420, -117.8730, -27.8970.

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

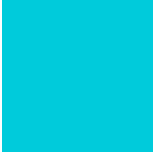
150.9420, -117.8730, -27.8970

Protanopia

183.3530, -16.6910, 10.6450

Deuteranopia

183.1490, -24.6240, 16.7520



Tritanopia

144.1270, -126.1240, -38.0600

Trichromacy



Original Color

150.9420, -117.8730, -27.8970



Protanomaly

171.2880, -53.5970, -3.3330



Deuteranomaly

171.4710, -58.3660, 0.4980



Tritanomaly

146.5020, -122.6860, -34.2860

Monochromacy



Original Color

150.9420, -117.8730, -27.8970



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

150.9330, -42.5920, -10.0480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.9420, -117.8730, -27.8970 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, 201, 234)` looks like.

```
.text, #text, p{  
    color:rgb(21, 201, 234)  
}
```

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, 201, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 201, 234) }
```

Border

The CSS property to change the border of an element to YIQ 150.9420, -117.8730, -27.8970 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, 201, 234) }
```


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

```
.border{ border-color:rgb(21, 201, 234) }
```

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

Here you see how a box with a 4 pixel rgb(21, 201, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 201, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 201, 234);  
box-shadow:4px 4px 4px 4px rgb(21, 201,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 150.9420, -117.8730, -27.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 201, 234) }
```

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

```
.background{ background-color: rgb(21, 201,  
234) }
```

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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