

Converting Colors

YIQ(150.3350, -132.0410,
-24.4330)

Have a look what the booklet for
YIQ(150.3350, -132.0410, -24.4330)
contains.

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Color

**YIQ(150.3350, -132.0410,
-24.4330)**

Conversions

Conversions Part 1

Format	Color
Hex	09CAFF
RGB	9, 202, 255
RGB Percent	4%, 79%, 100%
CMY	0.9648, 0.2075, 0.0006
CMYK	0.96, 0.21, 0.00, 0.00
HSL	193°, 100%, 52%
HSV	193°, 96%, 100%
XYZ	39.2777, 49.5473, 101.9796
YIQ	150.3350, -132.0410, -24.4330

Conversions

Conversions Part 2

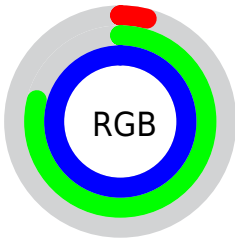
Format	Color
R_{YB}	9, 117, 255
Decimal	641791
CIE _{Lab}	75.79, -23.22, -37.42
CIE _{LCh}	76, 44.042, 238.176
Yxy	49.5473, 0.2059, 0.2597
Android (android.graphics.Color)	4278831871 (0xFF09CAFF)
YUV	150.3350, 51.5998, -123.9508
Hunter-Lab	70.3899, -23.5788, -36.6254

Details

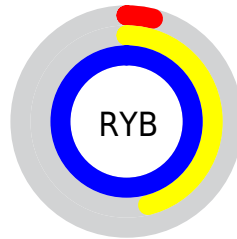
The YIQ color **150.3350, -132.0410, -24.4330** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **113.6650, 132.0410, 24.4330**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.4390, -82.8440, -29.4680**, and **109.4480, -104.2580, -15.8260** is the 20% darker color. If you saturate the color by 10%, you get **146.4700, -136.8550, -25.2950**, and if you desaturate by 10%, it is **161.3320, -118.7910, -22.2710**.

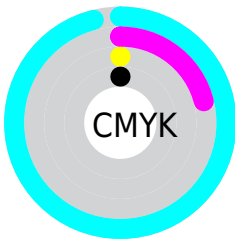
Distribution



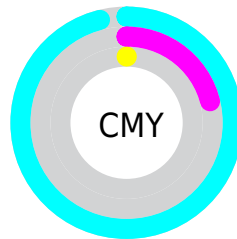
- Red (4%)
- Green (79%)
- Blue (100%)



- Red (4%)
- Yellow (46%)
- Blue (100%)



- Cyan (96%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.3350, -132.0410, -24.4330 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 150.3350, -132.0410, -24.4330 by changing the saturation by 10% instead.

150.3350,
-132.0410, -24.4330

150.3350,
-132.0410, -24.4330

255.0000, -0.0000,
-0.0000

128.4890,
-120.6710, -21.2390

213.4390,
-82.8440, -29.4680

109.4480,
-104.2580, -15.8260

223.6050,
-62.5800, -22.2600

90.9940, -88.1200,
-10.9360

233.4720,
-42.9120, -15.2640

73.3550, -72.8990,
-5.9470

243.0400,
-23.8400, -8.4800

56.3030, -57.9530,
-1.4810

252.6080, -4.7680,
-1.6960

39.9520, -43.6030,
2.7730

26.0630, -30.6740,

5.2460

■ 7.5920, -15.8660,
12.2140

■ 3.4370, -8.3000,
7.2520

■ 150.3350,
-132.0410, -24.4330

■ 150.3350,
-132.0410, -24.4330

■ 146.4700,
-136.8550, -25.2950

■ 161.3320,
-118.7910, -22.2710

■ 172.0410,
-104.6700, -19.3740

■ 182.4510,
-91.1450, -16.6890

■ 193.7470,
-77.2990, -14.3150

■ 204.1570,
-63.7740, -11.6300

■ 215.4530,
-49.9280, -9.2560

■ 225.8630,
-36.4030, -6.5710

■ 237.1590,
-22.5570, -4.1970

■ 247.5690, -9.0320,
-1.5120

Harmonies

Analogous

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



147.0450, -128.8290, -38.5970



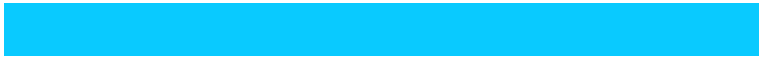
150.3350, -132.0410, -24.4330



177.6540, -63.1350, 4.3290

Triad

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



150.3350, -132.0410, -24.4330



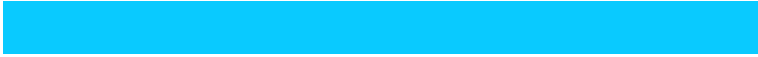
189.0040, 48.0440, 32.3960



179.9600, 13.5310, -30.4770

Complementary

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



150.3350, -132.0410, -24.4330



113.6650, 132.0410, 24.4330

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.



184.2630, 43.8350, -17.9970



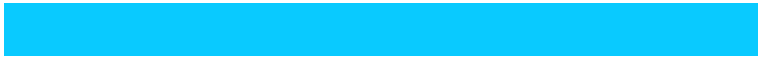
150.3350, -132.0410, -24.4330



186.2050, 60.0590, 18.3870

Square

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



150.3350, -132.0410, -24.4330



192.1660, 21.4050, 36.1010



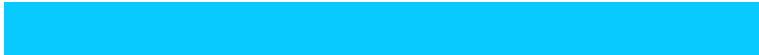
186.6220, 62.5380, 0.9860



173.4250, -27.5030, -35.7190

Rectangle

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



150.3350, -132.0410, -24.4330



185.8370, -32.3730, 19.5230



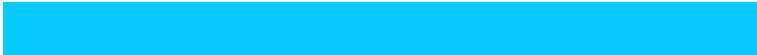
186.6220, 62.5380, 0.9860



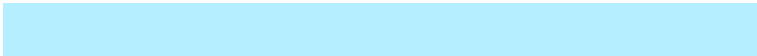
181.2280, 24.5800, -26.9720

Sweetspot

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



150.3350, -132.0410, -24.4330



223.4820, -39.7040, -7.3200



158.9880, -83.3790, -113.4190



108.6750, -24.0700, -4.3100



0.0000, 0.0000, 0.0000



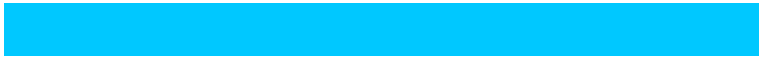
128.0000, -0.0000, -0.0000

Same Dimension

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



150.3350, -132.0410, -24.4330



146.4700, -136.8550, -25.2950



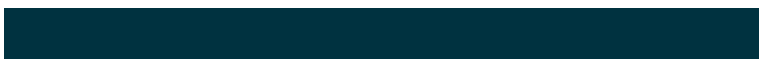
80.4820, -99.3160, 37.8040



122.3520, -6.9230, -1.1870



109.8240, -102.5610, -19.0490



36.6460, -34.2940, -6.2460

Inverse Universe

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



104.5560, 84.6630, 112.1750



99.0450, 87.7800, 116.2600



183.5180, 99.3160, -37.8040



120.0270, 4.5380, 5.8660



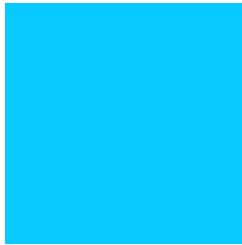
74.2090, 65.6860, 87.1420



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 150.3350, -132.0410, -24.4330 looks on a white background.

Color Contrast Check

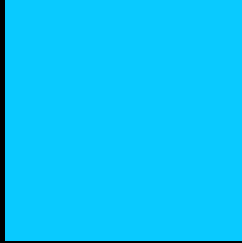
Large Text (above 18pt) WCAG AA × Fail

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 150.3350, -132.0410, -24.4330 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 150.3350, -132.0410, -24.4330 Background



This preview shows how black text looks on a background with the YIQ color 150.3350, -132.0410, -24.4330.



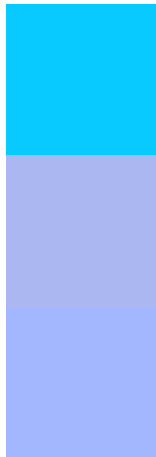
This preview shows how white text looks on a background with the YIQ color 150.3350, -132.0410, -24.4330.

-24.4330.

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

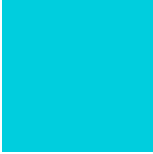
150.3350, -132.0410, -24.4330

Protanopia

185.7250, -26.3660, 15.2820

Deuteranopia

184.9290, -35.6280, 17.9400



Tritanopia

146.2300, -127.9120, -38.6960

Trichromacy



Original Color

150.3350, -132.0410, -24.4330

Protanomaly

172.7630, -65.0600, 0.6680

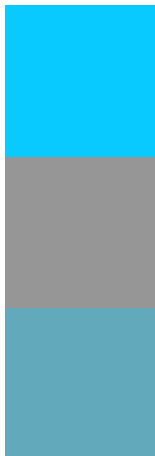
Deuteranomaly

172.2940, -70.9290, 2.4070

Tritanomaly

147.9080, -129.7010, -33.8050

Monochromacy



Original Color

150.3350, -132.0410, -24.4330

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.2360, -47.8190, -8.9310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.3350, -132.0410, -24.4330 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(9, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(9, 202, 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(9, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 202, 255) }
```

Border

The CSS property to change the border of an element to YIQ 150.3350, -132.0410, -24.4330 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(9, 202, 255) }
```


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

```
.border{ border-color:rgb(9, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(9, 202, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(9, 202, 255); box-shadow:4px 4px 4px 4px rgb(9, 202, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 150.3350, -132.0410, -24.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 202, 255) }
```

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

```
.background{ background-color: rgb(9, 202,  
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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