

Converting Colors

YIQ(148.2510, -104.9010,
-9.6770)

Have a look what the booklet for
YIQ(148.2510, -104.9010, -9.6770)
contains.

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Color

**YIQ(148.2510, -104.9010,
-9.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	2AB7F8
RGB	42, 183, 248
RGB Percent	16%, 72%, 97%
CMY	0.8355, 0.2821, 0.0279
CMYK	0.83, 0.26, 0.00, 0.03
HSL	199°, 94%, 57%
HSV	199°, 83%, 97%
XYZ	34.8223, 41.1521, 94.8180
YIQ	148.2510, -104.9010, -9.6770

Conversions

Conversions Part 2

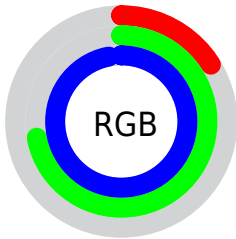
Format	Color
R _{YB}	42, 126, 248
Decimal	2799608
CIE Lab	70.28, -14.13, -42.23
CIE LCh	70, 44.528, 251.496
Yxy	41.1521, 0.2039, 0.2409
Android (android.graphics.Color)	4280989688 (0xFF2AB7F8)
YUV	148.2510, 49.1763, -93.1821
Hunter-Lab	64.1499, -15.3676, -42.7298

Details

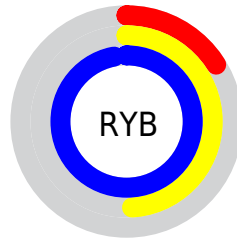
The YIQ color **148.2510, -104.9010, -9.6770** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **141.7490, 104.9010, 9.6770**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1400, -74.2720, -19.6160**, and **98.0840, -97.0610, -8.5890** is the 20% darker color. If you saturate the color by 10%, you get **136.0800, -117.6010, -10.7930**, and if you desaturate by 10%, it is **160.4220, -92.2010, -8.5610**.

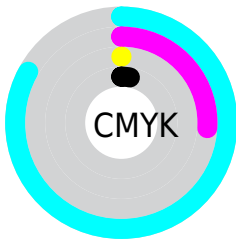
Distribution



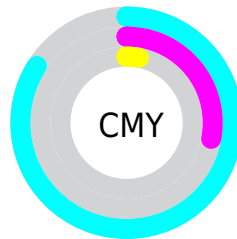
- Red (16%)
- Green (72%)
- Blue (97%)



- Red (16%)
- Yellow (49%)
- Blue (97%)



- Cyan (83%)
- Magenta (26%)
- Yellow (0%)
- Black (3%)



- Cyan (84%)
- Magenta (28%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.2510, -104.9010, -9.6770 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 148.2510, -104.9010, -9.6770 by changing the saturation by 10% instead.

■ 148.2510,
-104.9010, -9.6770

■ 148.2510,
-104.9010, -9.6770

■ 255.0000, -0.0000,
-0.0000

■ 116.5380,
-113.1990, -13.4790

■ 205.8410,
-74.8680, -19.8280

■ 98.0840, -97.0610,
-8.5890

■ 225.1000,
-59.6000, -21.2000

■ 80.3310, -81.5190,
-3.9110

■ 234.6680,
-40.5280, -14.4160

■ 63.1650, -66.2520,
0.2440

■ 243.9370,
-22.0520, -7.8440

■ 46.7000, -51.5810,
4.1870

■ 253.5050, -2.9800,
-1.0600

■ 31.6370, -38.1020,
7.7060

■ 11.8780, -22.4230,

15.4090

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,
5.0750

■ 148.2510,
-104.9010, -9.6770

■ 148.2510,
-104.9010, -9.6770

■ 136.0800,
-117.6010, -10.7930

■ 160.4220,
-92.2010, -8.5610

■ 128.0620,
-126.3580, -11.7820

■ 172.5930,
-79.5010, -7.4450

■ 183.8780,
-67.1220, -6.0180

■ 196.0490,
-54.4220, -4.9020

■ 208.2200,
-41.7220, -3.7860

■ 220.3910,
-29.0220, -2.6700

■ 232.2630,
-16.9180, -1.7660

■ 243.8470, -3.9430,
-0.1270

■ 253.0280, 2.7970,
-1.1310

Harmonies

Analogous

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



137.6530, -124.4290, -30.2290



148.2510, -104.9010, -9.6770



169.6550, -46.5400, 17.4600

Triad

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



148.2510, -104.9010, -9.6770



174.0560, 59.4610, 29.2290



162.2830, -3.6160, -33.6000

Complementary

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



148.2510, -104.9010, -9.6770



141.7490, 104.9010, 9.6770

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.



167.5170, 31.1360, -24.6400



148.2510, -104.9010, -9.6770



172.6260, 65.8830, 11.9550

Square

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



148.2510, -104.9010, -9.6770



176.5930, 36.2600, 36.7080



170.5190, 55.1580, -8.4420



153.1650, -50.1980, -37.4140

Rectangle

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



148.2510, -104.9010, -9.6770



175.2030, -15.5480, 28.4840



170.5190, 55.1580, -8.4420



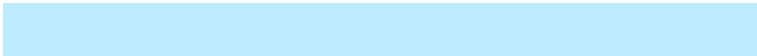
164.0950, 8.7170, -31.3390

Sweetspot

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



148.2510, -104.9010, -9.6770



224.1240, -32.6440, -3.1080



169.9900, -76.5520, -88.4560



108.7080, -19.6690, -1.4690



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.



148.2510, -104.9010, -9.6770



131.7950, -129.9800, -12.2200



89.5510, -77.4010, 42.6230



118.7650, -6.6480, -0.6640



97.2690, -96.1440, -8.6880



31.6080, -31.1310, -2.9950

Inverse Universe

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



119.6680, 77.5150, 87.5230



96.1950, 95.8050, 108.4850



200.4490, 77.4010, -42.6230



116.9130, 4.8590, 5.5550



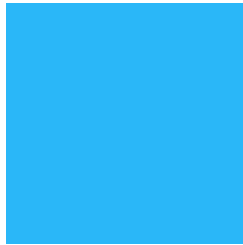
71.2170, 71.2350, 80.1870



23.0270, 22.8740, 25.9940

Previews

White Background



This preview shows how the YIQ color 148.2510, -104.9010, -9.6770 looks on a white background.

Color Contrast Check

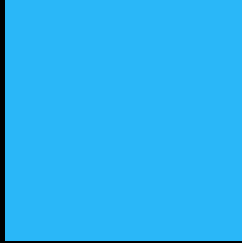
Large Text (above 18pt) WCAG AA × Fail

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 148.2510, -104.9010, -9.6770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

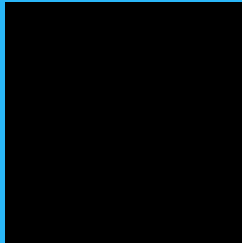
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

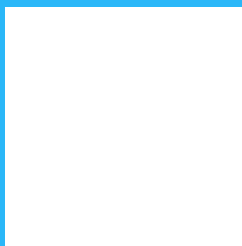
Any Text WCAG AAA ✓ Pass

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

YIQ 148.2510, -104.9010, -9.6770 Background



This preview shows how black text looks on a background with the YIQ color 148.2510, -104.9010, -9.6770.



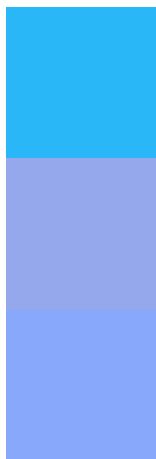
This preview shows how white text looks on a background with the YIQ color 148.2510, -104.9010, -9.6770.

-9.6770.

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

148.2510, -104.9010, -9.6770

Protanopia

170.3700, -32.5560, 17.3320

Deuteranopia

168.4810, -45.9900, 18.5060



Tritanopia

134.7860, -117.7340, -35.9260

Trichromacy



Original Color

148.2510, -104.9010, -9.6770

Protanomaly

162.1000, -58.4590, 7.6930

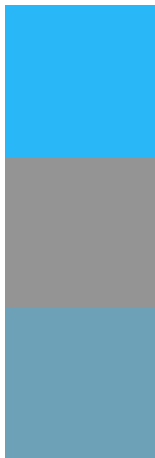
Deuteranomaly

161.1360, -67.3080, 8.3720

Tritanomaly

139.3340, -113.1050, -26.2010

Monochromacy



Original Color

148.2510, -104.9010, -9.6770

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0740, -38.3750, -3.8710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.2510, -104.9010, -9.6770 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(42, 183, 248)` looks like.

```
.text, #text, p{  
    color:rgb(42, 183, 248)  
}
```

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(42, 183, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 183, 248) }
```

Border

The CSS property to change the border of an element to YIQ 148.2510, -104.9010, -9.6770 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(42, 183, 248) }
```


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

```
.border{ border-color:rgb(42, 183, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 183, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 183, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 183, 248);  
box-shadow:4px 4px 4px 4px rgb(42, 183,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 148.2510, -104.9010, -9.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 183, 248) }
```

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

```
.background{ background-color: rgb(42, 183,  
248) }
```

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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