

Converting Colors

YIQ(134.9150, -104.0750,
-13.6350)

Have a look what the booklet for
YIQ(134.9150, -104.0750, -13.6350)
contains.

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Color

**YIQ(134.9150, -104.0750,
-13.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	1BACE3
RGB	27, 172, 227
RGB Percent	11%, 67%, 89%
CMY	0.8943, 0.3252, 0.1103
CMYK	0.88, 0.24, 0.00, 0.11
HSL	196°, 79%, 50%
HSV	196°, 88%, 89%
XYZ	29.0631, 35.2999, 77.8708
YIQ	134.9150, -104.0750, -13.6350

Conversions

Conversions Part 2

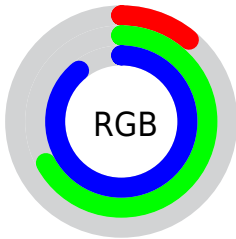
Format	Color
RYB	27, 111, 227
Decimal	1813731
CIELab	65.98, -16.52, -37.51
CIELCh	66, 40.984, 246.233
Yxy	35.2999, 0.2043, 0.2482
Android (android.graphics.Color)	4280003811 (0xFF1BACE3)
YUV	134.9150, 45.3979, -94.6415
Hunter-Lab	59.4137, -16.6579, -36.1190

Details

The YIQ color **134.9150, -104.0750, -13.6350** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **119.0850, 104.0750, 13.6350**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.8070, -77.5280, -15.6720**, and **89.9340, -87.8910, -9.5790** is the 20% darker color. If you saturate the color by 10%, you get **124.5160, -116.1330, -15.3730**, and if you desaturate by 10%, it is **145.3140, -92.0170, -11.8970**.

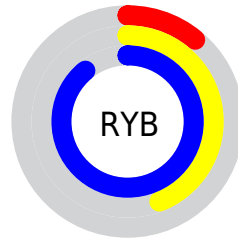
Distribution



Red (11%)

Green (67%)

Blue (89%)



Red (11%)

Yellow (44%)

Blue (89%)

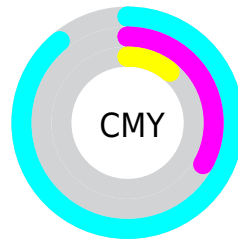


Cyan (88%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (89%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.9150, -104.0750, -13.6350 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 134.9150, -104.0750, -13.6350 by changing the saturation by 10% instead.

■ 134.9150,
-104.0750, -13.6350

■ 134.9150,
-104.0750, -13.6350

■ 255.0000, -0.0000,
-0.0000

■ 108.3880,
-104.0290, -14.4690

■ 195.8070,
-77.5280, -15.6720

■ 89.9340, -87.8910,
-9.5790

■ 222.1100,
-65.5600, -23.3200

■ 72.2950, -72.6700,
-4.5900

■ 231.3790,
-47.0840, -16.7480

■ 55.2430, -57.7240,
-0.1240

■ 240.6480,
-28.6080, -10.1760

■ 39.4790, -43.6490,
3.6070

■ 249.9170,
-10.1320, -3.6040

■ 25.5900, -30.7200,
6.0800

■ 7.7060, -16.1870,

12.5250

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 134.9150,
-104.0750, -13.6350

■ 134.9150,
-104.0750, -13.6350

■ 124.5160,
-116.1330, -15.3730

■ 145.3140,
-92.0170, -11.8970

■ 122.7330,
-118.2420, -15.6980

■ 156.0010,
-80.8300, -10.8940

■ 166.4000,
-68.7720, -9.1560

■ 176.7990,
-56.7140, -7.4180

■ 186.8990,
-45.2520, -5.8920

■ 197.2980,
-33.1940, -4.1540

■ 208.2840,
-21.4110, -2.9390

■ 218.3840, -9.9490,
-1.4130

■ 228.7830, 2.1090,
0.3250

Harmonies

Analogous

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



127.6280, -114.1130, -29.9610



134.9150, -104.0750, -13.6350



156.0520, -49.3360, 13.0640

Triad

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



134.9150, -104.0750, -13.6350



163.2230, 51.6210, 28.1410



152.6260, 2.8480, -29.6000

Complementary

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



134.9150, -104.0750, -13.6350



119.0850, 104.0750, 13.6350

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.



156.9350, 33.0150, -20.1450



134.9150, -104.0750, -13.6350



161.2710, 59.6930, 14.0050

Square

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



134.9150, -104.0750, -13.6350



165.2930, 28.2370, 33.4290



159.6700, 53.4150, -4.3850



145.5150, -36.4440, -33.3720

Rectangle

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



134.9150, -104.0750, -13.6350



162.5180, -21.0490, 23.5510



159.6700, 53.4150, -4.3850



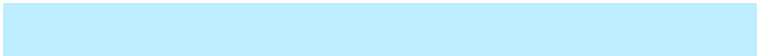
154.3670, 13.9430, -26.9290

Sweetspot

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



134.9150, -104.0750, -13.6350



224.7000, -34.3860, -4.5780



150.4420, -72.0130, -88.1170



109.5830, -20.8150, -2.7270



0.0000, 0.0000, 0.0000



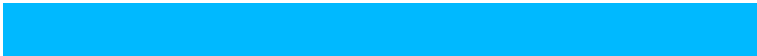
128.0000, -0.0000, -0.0000

Same Dimension

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



134.9150, -104.0750, -13.6350



137.6650, -132.7300, -17.4500



77.3890, -77.1250, 37.6190



106.9500, -5.7310, -0.7630



95.2000, -91.6960, -12.2080



26.0170, -25.0330, -3.3770

Inverse Universe

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



103.3300, 72.6550, 87.4950



97.3350, 92.5950, 111.5950



176.6110, 77.1250, -37.6190



105.2010, 3.9880, 4.8200



67.2160, 63.8080, 77.1200



18.3420, 17.3730, 21.0610

Previews

White Background



This preview shows how the YIQ color 134.9150, -104.0750, -13.6350 looks on a white background.

Color Contrast Check

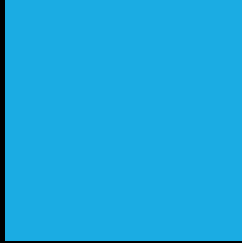
Large Text (above 18pt) WCAG AA × Fail

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 134.9150, -104.0750, -13.6350 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

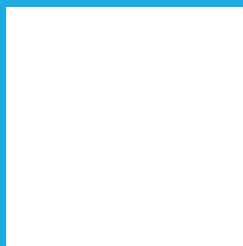
Any Text WCAG AAA ✓ Pass

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

YIQ 134.9150, -104.0750, -13.6350 Background



This preview shows how black text looks on a background with the YIQ color 134.9150, -104.0750, -13.6350.

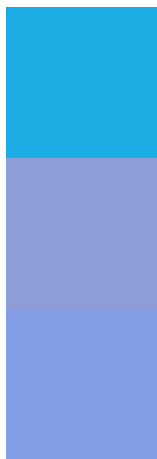


This preview shows how white text looks on a background with the YIQ color 134.9150, -104.0750,

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

134.9150, -104.0750, -13.6350

Protanopia

159.1270, -27.5580, 14.8580

Deuteranopia

158.1350, -39.2040, 16.6680



Tritanopia

125.6730, -109.9860, -33.1700

Trichromacy



Original Color

134.9150, -104.0750, -13.6350

Protanomaly

149.9600, -55.2490, 4.5830

Deuteranomaly

149.5940, -62.9060, 5.6860

Tritanomaly

128.9710, -107.6490, -25.9610

Monochromacy



Original Color

134.9150, -104.0750, -13.6350

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.7320, -37.4120, -4.8040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.9150, -104.0750, -13.6350 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(27, 172, 227)` looks like.

```
.text, #text, p{  
    color:rgb(27, 172, 227)  
}
```

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(27, 172, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 172, 227) }
```

Border

The CSS property to change the border of an element to YIQ 134.9150, -104.0750, -13.6350 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(27, 172, 227) }
```


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

```
.border{ border-color:rgb(27, 172, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 172, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 172, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 172, 227);  
box-shadow:4px 4px 4px 4px rgb(27, 172,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 134.9150, -104.0750, -13.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 172, 227) }
```

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

```
.background{ background-color: rgb(27, 172,  
227) }
```

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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