

Converting Colors

YIQ(127.1890, -119.5260,
-14.4540)

Have a look what the booklet for
YIQ(127.1890, -119.5260, -14.4540)
contains.

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Color

**YIQ(127.1890, -119.5260,
-14.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	04A9EB
RGB	4, 169, 235
RGB Percent	2%, 66%, 92%
CMY	0.9844, 0.3370, 0.0790
CMYK	0.98, 0.28, 0.00, 0.08
HSL	197°, 97%, 47%
HSV	197°, 98%, 92%
XYZ	29.2259, 34.4175, 83.5987
YIQ	127.1890, -119.5260, -14.4540

Conversions

Conversions Part 2

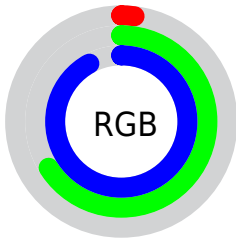
Format	Color
R_{YB}	4, 100, 235
Decimal	305643
CIE _{Lab}	65.29, -12.92, -42.98
CIE _{LCh}	65, 44.878, 253.268
Yxy	34.4175, 0.1985, 0.2337
Android (android.graphics.Color)	4278495723 (0xFF04A9EB)
YUV	127.1890, 53.1508, -108.0368
Hunter-Lab	58.6664, -13.7427, -43.4208

Details

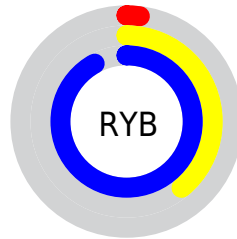
The YIQ color **127.1890, -119.5260, -14.4540** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **111.8110, 119.5260, 14.4540**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.8500, -79.0870, -14.9510**, and **89.0850, -89.6340, -5.5220** is the 20% darker color. If you saturate the color by 10%, you get **125.4060, -121.6350, -14.7790**, and if you desaturate by 10%, it is **138.1750, -107.7430, -13.2390**.

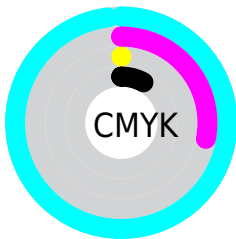
Distribution



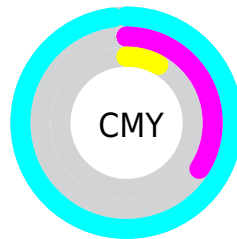
- Red (2%)
- Green (66%)
- Blue (92%)



- Red (2%)
- Yellow (39%)
- Blue (92%)



- Cyan (98%)
- Magenta (28%)
- Yellow (0%)
- Black (8%)



- Cyan (98%)
- Magenta (34%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.1890, -119.5260, -14.4540 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 127.1890, -119.5260, -14.4540 by changing the saturation by 10% instead.

■ 127.1890,
-119.5260, -14.4540

■ 127.1890,
-119.5260, -14.4540

■ 255.0000, -0.0000,
-0.0000

■ 107.4250,
-105.4510, -10.7230

■ 192.8500,
-79.0870, -14.9510

■ 89.0850, -89.6340,
-5.5220

■ 220.0390,
-66.7980, -22.9100

■ 71.9190, -74.3670,
-1.3670

■ 230.7810,
-48.2760, -17.1720

■ 54.7530, -59.1000,
2.7880

■ 240.0500,
-29.8000, -10.6000

■ 38.9890, -45.0250,
6.5190

■ 249.6180,
-10.7280, -3.8160

■ 25.1000, -32.0960,
8.9920

■ 8.9770, -18.3880,

13.8680

■ 4.5940, -10.1800,
8.2840

■ 0.1140, -0.3210,
0.3110

■ 127.1890,
-119.5260, -14.4540

■ 127.1890,
-119.5260, -14.4540

■ 125.4060,
-121.6350, -14.7790

■ 138.1750,
-107.7430, -13.2390

■ 148.8730,
-95.0890, -11.2890

■ 159.8590,
-83.3060, -10.0740

■ 171.1440,
-70.9270, -8.6470

■ 182.1300,
-59.1440, -7.4320

■ 192.8280,
-46.4900, -5.4820

■ 203.8140,
-34.7070, -4.2670

■ 215.0990,
-22.3280, -2.8400

■ 225.4980,
-10.2700, -1.1020

Harmonies

Analogous

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



128.0670, -116.7270, -26.6390



127.1890, -119.5260, -14.4540



156.5520, -44.7520, 18.0960

Triad

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



127.1890, -119.5260, -14.4540



160.4150, 59.8280, 28.0840



148.3150, -6.6420, -33.8260

Complementary

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



127.1890, -119.5260, -14.4540



111.8110, 119.5260, 14.4540

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.



153.6200, 29.3480, -25.2760



127.1890, -119.5260, -14.4540



158.5010, 64.7370, 10.6970

Square

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



127.1890, -119.5260, -14.4540



162.3760, 38.3690, 37.0330



156.5080, 53.6910, -9.3890



138.0010, -55.6080, -38.4880

Rectangle

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



127.1890, -119.5260, -14.4540



161.6980, -12.5680, 29.5440



156.5080, 53.6910, -9.3890



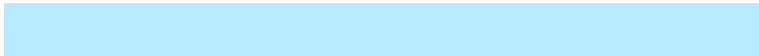
150.3120, 6.6080, -31.6640

Sweetspot

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



127.1890, -119.5260, -14.4540



220.5470, -38.3290, -4.7050



147.0070, -84.3900, -100.5980



106.9140, -23.2450, -2.7410



0.0000, 0.0000, 0.0000



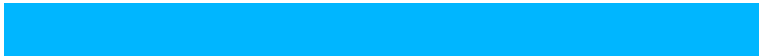
128.0000, -0.0000, -0.0000

Same Dimension

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



127.1890, -119.5260, -14.4540



135.9040, -131.9050, -15.8810



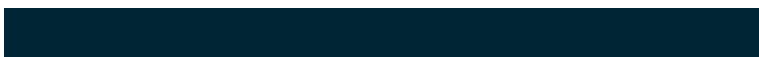
59.6840, -87.9010, 45.6910



111.9500, -5.7310, -0.7630



96.3570, -93.5760, -11.1760



28.4620, -27.7840, -3.0800

Inverse Universe

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



91.8790, 84.7110, 100.2870



96.9930, 93.5580, 110.6620



179.3160, 87.9010, -45.6910



110.2010, 3.9880, 4.8200



68.8250, 66.4670, 78.4910



20.4780, 19.9860, 23.2660

Previews

White Background



This preview shows how the YIQ color 127.1890, -119.5260, -14.4540 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 127.1890, -119.5260, -14.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

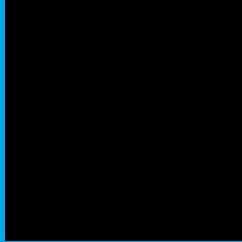
Any Text WCAG AA ✓ Pass

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 127.1890, -119.5260, -14.4540 Background



This preview shows how black text looks on a background with the YIQ color 127.1890, -119.5260, -14.4540.



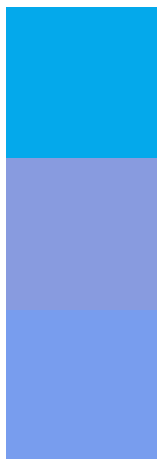
This preview shows how white text looks on a background with the YIQ color 127.1890, -119.5260, -14.4540.

-14.4540.

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

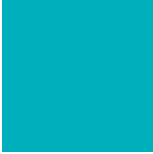
127.1890, -119.5260, -14.4540

Protanopia

157.0710, -33.1520, 17.1200

Deuteranopia

155.1710, -48.0530, 17.3470



Tritanopia

124.1570, -108.4730, -33.0570

Trichromacy



Original Color

127.1890, -119.5260, -14.4540

Protanomaly

146.1100, -64.4190, 5.5730

Deuteranomaly

144.8470, -73.8640, 6.0400

Tritanomaly

125.2200, -112.7840, -26.5120

Monochromacy



Original Color

127.1890, -119.5260, -14.4540

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.7960, -43.4640, -5.2560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1890, -119.5260, -14.4540 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(4, 169, 235)` looks like.

```
.text, #text, p{  
    color:rgb(4, 169, 235)  
}
```

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(4, 169, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 169, 235) }
```

Border

The CSS property to change the border of an element to YIQ 127.1890, -119.5260, -14.4540 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(4, 169, 235) }
```


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

```
.border{ border-color:rgb(4, 169, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 169, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 169, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 169, 235);  
box-shadow:4px 4px 4px 4px rgb(4, 169,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1890, -119.5260, -14.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 169, 235) }
```

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

```
.background{ background-color: rgb(4, 169,  
235) }
```

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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