

Converting Colors

YIQ(124.7220, -119.7090,
-16.6450)

Have a look what the booklet for
YIQ(124.7220, -119.7090, -16.6450)
contains.

YIQ(124.7220, -119.7090, -16.6450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(124.7220, -119.7090,
-16.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	00A8E5
RGB	0, 168, 229
RGB Percent	0%, 66%, 90%
CMY	0.9998, 0.3409, 0.1025
CMYK	1.00, 0.27, 0.00, 0.10
HSL	196°, 100%, 45%
HSV	196°, 100%, 90%
XYZ	28.1400, 33.6811, 79.0492
YIQ	124.7220, -119.7090, -16.6450

Conversions

Conversions Part 2

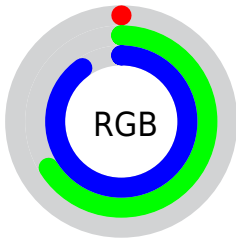
Format	Color
RYB	0, 97, 229
Decimal	43237
CIELab	64.71, -14.64, -40.60
CIELCh	65, 43.158, 250.176
Yxy	33.6811, 0.1998, 0.2391
Android (android.graphics.Color)	4278233317 (0xFF00A8E5)
YUV	124.7220, 51.4091, -109.3812
Hunter-Lab	58.0354, -15.0117, -40.1333

Details

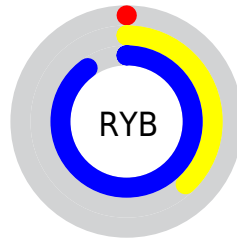
The YIQ color **124.7220, -119.7090, -16.6450** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **104.2780, 119.7090, 16.6450**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.6650, -80.0040, -14.8520**, and **87.8140, -87.4330, -6.8650** is the 20% darker color. If you saturate the color by 10%, you get **124.7220, -119.7090, -16.6450**, and if you desaturate by 10%, it is **135.1210, -107.6510, -14.9070**.

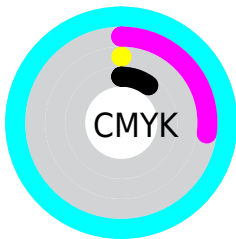
Distribution



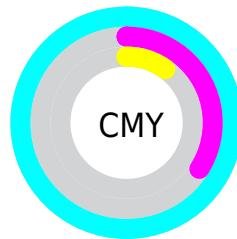
- Red (0%)
- Green (66%)
- Blue (90%)



- Red (0%)
- Yellow (38%)
- Blue (90%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (34%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7220, -119.7090, -16.6450 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 124.7220, -119.7090, -16.6450 by changing the saturation by 10% instead.

■ 124.7220,
-119.7090, -16.6450

■ 124.7220,
-119.7090, -16.6450

■ 255.0000, -0.0000,
-0.0000

■ 106.2680,
-103.5710, -11.7550

■ 191.6650,
-80.0040, -14.8520

■ 87.8140, -87.4330,
-6.8650

■ 218.8540,
-67.7150, -22.8110

■ 70.6480, -72.1660,
-2.7100

■ 229.8840,
-50.0640, -17.8080

■ 53.5960, -57.2200,
1.7560

■ 239.4520,
-30.9920, -11.0240

■ 37.8320, -43.1450,
5.4870

■ 248.7210,
-12.5160, -4.4520

■ 23.9430, -30.2160,
7.9600

■ 7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 124.7220,
-119.7090, -16.6450

■ 135.1210,
-107.6510, -14.9070

■ 145.5200,
-95.5930, -13.1690

■ 155.9190,
-83.5350, -11.4310

■ 166.3180,
-71.4770, -9.6930

■ 176.4180,
-60.0150, -8.1670

■ 187.4040,
-48.2320, -6.9520

■ 197.8030,
-36.1740, -5.2140

■ 208.2020,
-24.1160, -3.4760

■ 218.6010,
-12.0580, -1.7380

Harmonies

Analogous

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



126.2090, -114.2510, -27.4590



124.7220, -119.7090, -16.6450



153.4160, -47.3650, 15.8910

Triad

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



124.7220, -119.7090, -16.6450



158.6750, 56.1600, 28.4800



147.8210, -2.1950, -31.8190

Complementary

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



124.7220, -119.7090, -16.6450



104.2780, 119.7090, 16.6450

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.



152.5710, 31.0440, -22.9720



124.7220, -119.7090, -16.6450



157.1850, 62.8110, 12.5630

Square

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



124.7220, -119.7090, -16.6450



160.9840, 33.6010, 35.3370



155.6760, 53.2780, -7.4100



139.2580, -46.0260, -35.9300

Rectangle

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



124.7220, -119.7090, -16.6450



159.6650, -16.9690, 26.7030



155.6760, 53.2780, -7.4100



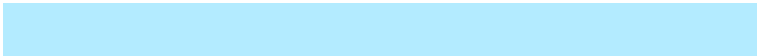
149.6330, 10.1380, -29.5580

Sweetspot

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



124.7220, -119.7090, -16.6450



220.5360, -39.7960, -5.6520



140.9210, -81.2720, -102.0400



106.6150, -23.8410, -2.9530



0.0000, 0.0000, 0.0000



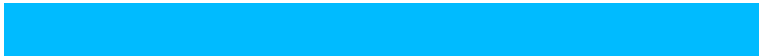
128.0000, -0.0000, -0.0000

Same Dimension

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



124.7220, -119.7090, -16.6450



138.8390, -133.2800, -18.4960



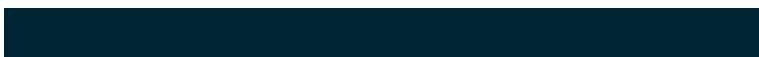
59.5650, -89.1840, 41.4080



109.6510, -6.3270, -0.9750



97.3030, -93.4840, -12.8440



27.5330, -26.5460, -3.4900

Inverse Universe

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



87.6230, 82.5560, 100.7960



97.5630, 91.9530, 112.2170



169.4350, 89.1840, -41.4080



107.6140, 4.2630, 5.3430



68.4550, 64.6330, 78.6890



19.4670, 18.5190, 22.3190

Previews

White Background



This preview shows how the YIQ color 124.7220, -119.7090, -16.6450 looks on a white background.

Color Contrast Check

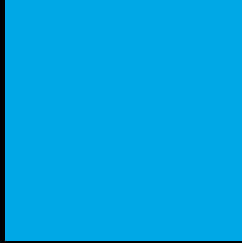
Large Text (above 18pt) WCAG AA × Fail

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 124.7220, -119.7090, -16.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

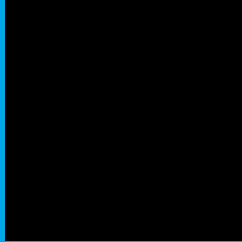
Any Text WCAG AA ✓ Pass

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 124.7220, -119.7090, -16.6450 Background



This preview shows how black text looks on a background with the YIQ color 124.7220, -119.7090, -16.6450.

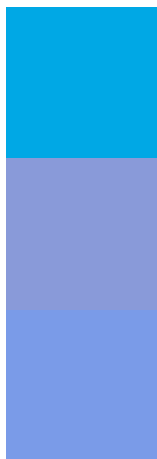


This preview shows how white text looks on a background with the YIQ color 124.7220, -119.7090, -16.6450.

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

124.7220, -119.7090, -16.6450

Protanopia

156.0990, -30.3550, 15.9890

Deuteranopia

153.9110, -44.3850, 16.9510



Tritanopia

122.8690, -107.6020, -32.3220

Trichromacy



Original Color

124.7220, -119.7090, -16.6450

Protanomaly

144.5400, -62.8140, 4.0180

Deuteranomaly

143.5760, -71.6630, 4.6970

Tritanomaly

123.4050, -111.8670, -26.6110

Monochromacy



Original Color

124.7220, -119.7090, -16.6450

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.2690, -43.4180, -6.0900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7220, -119.7090, -16.6450 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(0, 168, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 229)  
}
```

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(0, 168, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 229) }
```

Border

The CSS property to change the border of an element to YIQ 124.7220, -119.7090, -16.6450 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(0, 168, 229) }
```


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

```
.border{ border-color:rgb(0, 168, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 168, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 168, 229); box-shadow:4px 4px 4px 4px rgb(0, 168, 229) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7220, -119.7090, -16.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 229) }
```

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

```
.background{ background-color: rgb(0, 168,  
229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor