

Converting Colors

YIQ(128.1710, -111.0880,
-24.2080)

Have a look what the booklet for
YIQ(128.1710, -111.0880, -24.2080)
contains.

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Color

**YIQ(128.1710, -111.0880,
-24.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	07AED2
RGB	7, 174, 210
RGB Percent	3%, 68%, 82%
CMY	0.9727, 0.3174, 0.1769
CMYK	0.97, 0.17, 0.00, 0.18
HSL	191°, 94%, 43%
HSV	191°, 97%, 82%
XYZ	26.8540, 34.9910, 66.2333
YIQ	128.1710, -111.0880, -24.2080

Conversions

Conversions Part 2

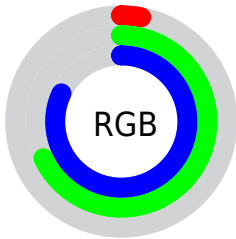
Format	Color
RYB	7, 99, 210
Decimal	503506
CIELab	65.74, -24.24, -28.53
CIELCh	66, 37.437, 229.639
Yxy	34.9910, 0.2097, 0.2732
Android (android.graphics.Color)	4278693586 (0xFF07AED2)
YUV	128.1710, 40.3417, -106.2670
Hunter-Lab	59.1532, -22.4837, -24.9792

Details

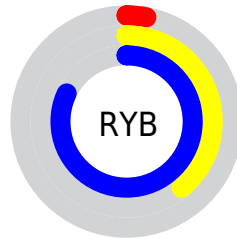
The YIQ color **128.1710, -111.0880, -24.2080** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **88.8290, 111.0880, 24.2080**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.1760, -83.1210, -18.9370**, and **88.6970, -83.0300, -15.0780** is the 20% darker color. If you saturate the color by 10%, you get **125.4910, -114.9850, -25.1690**, and if you desaturate by 10%, it is **136.7980, -99.6720, -21.8480**.

Distribution



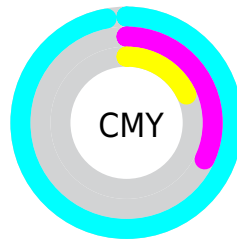
- Red (3%)
- Green (68%)
- Blue (82%)



- Red (3%)
- Yellow (39%)
- Blue (82%)



- Cyan (97%)
- Magenta (17%)
- Yellow (0%)
- Black (18%)



- Cyan (97%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.1710, -111.0880, -24.2080 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 128.1710, -111.0880, -24.2080 by changing the saturation by 10% instead.

■ 128.1710,
-111.0880, -24.2080

■ 128.1710,
-111.0880, -24.2080

■ 255.0000, -0.0000,
-0.0000

■ 107.0370,
-98.8470, -20.2790

■ 195.1760,
-83.1210, -18.9370

■ 88.6970, -83.0300,
-15.0780

■ 219.7180,
-70.3280, -25.0160

■ 71.0580, -67.8090,
-10.0890

■ 228.9870,
-51.8520, -18.4440

■ 54.1200, -53.1840,
-5.3120

■ 238.2560,
-33.3760, -11.8720

■ 37.8830, -39.1550,
-0.7470

■ 247.5250,
-14.9000, -5.3000

■ 24.5810, -26.5010,
1.2030

■ 5.1640, -11.7850,

9.8390

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 128.1710,
-111.0880, -24.2080

■ 128.1710,
-111.0880, -24.2080

■ 125.4910,
-114.9850, -25.1690

■ 136.7980,
-99.6720, -21.8480

■ 144.8380,
-87.9810, -18.9650

■ 153.4650,
-76.5650, -16.6050

■ 162.0920,
-65.1490, -14.2450

■ 170.7190,
-53.7330, -11.8850

■ 178.7590,
-42.0420, -9.0020

■ 187.3860,
-30.6260, -6.6420

■ 196.0130,
-19.2100, -4.2820

■ 204.0530, -7.5190,
-1.3990

Harmonies

Analogous

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



126.6260, -102.6040, -34.7960



128.1710, -111.0880, -24.2080



149.9910, -65.7020, 1.2900

Triad

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



128.1710, -111.0880, -24.2080



163.8500, 36.6740, 29.2020



155.2260, 18.8940, -23.0420

Complementary

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



128.1710, -111.0880, -24.2080



88.8290, 111.0880, 24.2080

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.



158.4080, 42.2290, -10.9150



128.1710, -111.0880, -24.2080



161.7790, 52.6310, 20.8470

Square

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



128.1710, -111.0880, -24.2080



163.8930, 8.7520, 28.6240



160.1790, 53.7800, 5.5240



150.2530, -12.0990, -28.5390

Rectangle

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



128.1710, -111.0880, -24.2080



157.3690, -39.9830, 14.2650



160.1790, 53.7800, 5.5240



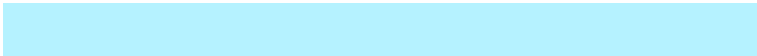
156.1240, 28.1090, -19.3390

Sweetspot

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



128.1710, -111.0880, -24.2080



225.2430, -40.5290, -8.8890



130.0370, -66.7390, -95.5950



109.8490, -24.6200, -5.3560



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.



128.1710, -111.0880, -24.2080



152.3400, -139.6050, -30.5250



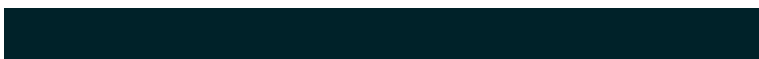
70.0580, -83.8630, 27.5690



100.5370, -6.0060, -1.2860



100.7450, -92.1530, -20.4490



24.6320, -22.5110, -5.0310

Inverse Universe

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



86.7350, 67.3810, 94.9730



100.1850, 84.5700, 119.3700



146.9420, 83.8630, -27.5690



98.3150, 3.6670, 5.1310



66.0780, 55.5090, 78.8450



16.1350, 13.5220, 19.2660

Previews

White Background



This preview shows how the YIQ color 128.1710, -111.0880, -24.2080 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 128.1710, -111.0880, -24.2080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

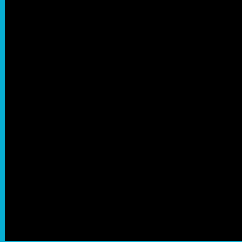
Any Text WCAG AA ✓ Pass

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 128.1710, -111.0880, -24.2080 Background



This preview shows how black text looks on a background with the YIQ color 128.1710, -111.0880, -24.2080.

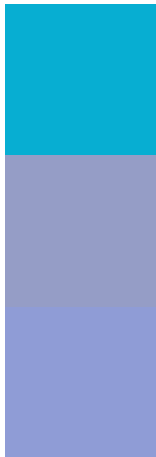


This preview shows how white text looks on a background with the YIQ color 128.1710, -111.0880, -24.2080.

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

128.1710, -111.0880, -24.2080

Protanopia

159.2820, -17.9290, 11.0550

Deuteranopia

158.7250, -26.3660, 15.2820



Tritanopia

124.9720, -109.3900, -32.9580

Trichromacy



Original Color

128.1710, -111.0880, -24.2080

Protanomaly

147.7120, -51.8550, -1.8630

Deuteranomaly

148.0690, -57.1740, 0.9220

Tritanomaly

126.0800, -109.5740, -29.6220

Monochromacy



Original Color

128.1710, -111.0880, -24.2080

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.2430, -40.5290, -8.8890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.1710, -111.0880, -24.2080 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(7, 174, 210)` looks like.

```
.text, #text, p{  
    color:rgb(7, 174, 210)  
}
```

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(7, 174, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 174, 210) }
```

Border

The CSS property to change the border of an element to YIQ 128.1710, -111.0880, -24.2080 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(7, 174, 210) }
```


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

```
.border{ border-color:rgb(7, 174, 210) }
```

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

Here you see how a box with a 4 pixel rgb(7, 174, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 174, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 174, 210);  
box-shadow:4px 4px 4px 4px rgb(7, 174,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 128.1710, -111.0880, -24.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 174, 210) }
```

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

```
.background{ background-color: rgb(7, 174,  
210) }
```

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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