

Converting Colors

YIQ(147.0520, -112.3710,
-28.4910)

Have a look what the booklet for
YIQ(147.0520, -112.3710, -28.4910)
contains.

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Color

**YIQ(147.0520, -112.3710,
-28.4910)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 16C4DF |
| RGB | 22, 196, 223 |
| RGB Percent | 9%, 77%, 87% |
| CMY | 0.9140, 0.2311, 0.1260 |
| CMYK | 0.90, 0.12, 0.00, 0.13 |
| HSL | 188°, 82%, 48% |
| HSV | 188°, 90%, 87% |
| XYZ | 33.3883, 45.0036, 76.6547 |
| YIQ | 147.0520, -112.3710, -28.4910 |

Conversions

Conversions Part 2

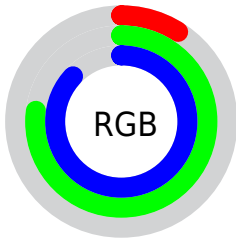
| Format | Color |
|-------------------------------------|--|
| RYB | 22, 115, 223 |
| Decimal | 1492191 |
| CIELab | 72.89, -30.37, -24.65 |
| CIELCh | 73, 39.117, 219.068 |
| Yxy | 45.0036, 0.2153, 0.2903 |
| Android (android.graphics.Color) | 4279682271 (0xFF16C4DF) |
| YUV | 147.0520, 37.4424, -109.6706 |
| Hunter-Lab | 67.0847, -28.5582, -20.7887 |

Details

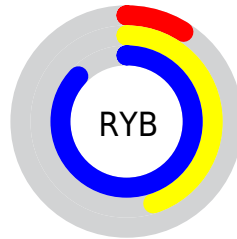
The YIQ color **147.0520, -112.3710, -28.4910** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed cyan. A complement of this color would be **97.9480, 112.3710, 28.4910**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0690, -84.6780, -29.2700**, and **102.5060, -92.9780, -22.0180** is the 20% darker color. If you saturate the color by 10%, you get **138.7130, -124.6580, -31.5860**, and if you desaturate by 10%, it is **155.3910, -100.0840, -25.3960**.

Distribution



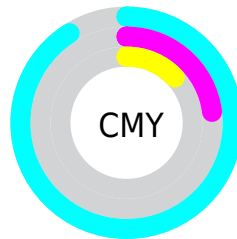
- Red (9%)
- Green (77%)
- Blue (87%)



- Red (9%)
- Yellow (45%)
- Blue (87%)



- Cyan (90%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.0520, -112.3710, -28.4910 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 147.0520, -112.3710, -28.4910 by changing the saturation by 10% instead.

■ 147.0520,
-112.3710, -28.4910

■ 147.0520,
-112.3710, -28.4910

■ 255.0000, -0.0000,
-0.0000

■ 121.4330,
-109.0700, -27.7420

■ 211.0690,
-84.6780, -29.2700

■ 102.5060,
-92.9780, -22.0180

■ 222.1100,
-65.5600, -23.3200

■ 84.1660, -77.1610,
-16.8170

■ 231.6780,
-46.4880, -16.5360

■ 66.6410, -62.2610,
-11.5170

■ 240.9470,
-28.0120, -9.9640

■ 49.7030, -47.6360,
-6.7400

■ 250.5150, -8.9400,
-3.1800

■ 33.4660, -33.6070,
-2.1750

■ 16.8700, -19.9450,

3.5350

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 147.0520,
-112.3710, -28.4910

■ 147.0520,
-112.3710, -28.4910

■ 138.7130,
-124.6580, -31.5860

■ 155.3910,
-100.0840, -25.3960

■ 164.0290,
-87.2010, -22.0890

■ 172.3680,
-74.9140, -18.9940

■ 180.7070,
-62.6270, -15.8990

■ 189.0460,
-50.3400, -12.8040

■ 197.6840,
-37.4570, -9.4970

■ 206.0230,
-25.1700, -6.4020

■ 214.3620,
-12.8830, -3.3070

■ 223.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



154.8150, -81.1470, -32.6910



147.0520, -112.3710, -28.4910



163.9780, -82.0230, -5.7910

Triad

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



147.0520, -112.3710, -28.4910



184.0220, 30.4380, 32.0860



175.2660, 30.5850, -20.1590

Complementary

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



147.0520, -112.3710, -28.4910



97.9480, 112.3710, 28.4910

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.



178.3600, 51.3520, -5.5440



147.0520, -112.3710, -28.4910



182.0550, 52.0340, 26.1620

Square

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



147.0520, -112.3710, -28.4910



183.1350, -3.6730, 28.0310



180.5050, 58.9140, 11.6020



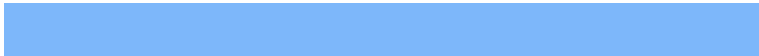
171.1850, -0.2240, -28.9920

Rectangle

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



147.0520, -112.3710, -28.4910



173.2960, -56.0750, 8.5410



180.5050, 58.9140, 11.6020



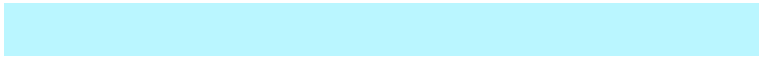
176.2070, 38.2410, -15.7350

Sweetspot

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



147.0520, -112.3710, -28.4910



229.0860, -38.6490, -9.9210



143.0650, -63.9420, -96.7260



112.2190, -22.7860, -5.5540



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.



147.0520, -112.3710, -28.4910



158.7970, -142.6300, -36.2780



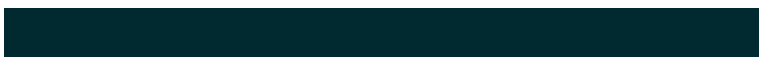
88.3520, -84.8710, 23.8090



108.1240, -6.2810, -1.8090



109.2880, -98.2960, -24.7600



30.1260, -26.9580, -7.0380

Inverse Universe

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



101.9350, 63.9420, 96.7260



101.4390, 81.0390, 122.7910



156.6480, 84.8710, -23.8090



105.4290, 3.3460, 5.4420



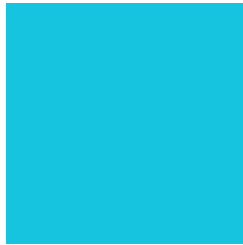
69.9520, 56.1040, 84.5840



19.1400, 15.1260, 23.2380

Previews

White Background



This preview shows how the YIQ color 147.0520, -112.3710, -28.4910 looks on a white background.

Color Contrast Check

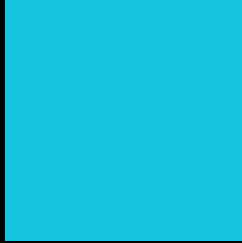
Large Text (above 18pt) WCAG AA × Fail

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 147.0520, -112.3710, -28.4910 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

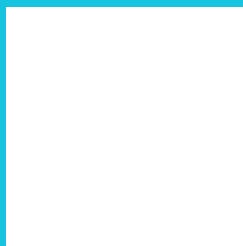
Any Text WCAG AAA ✓ Pass

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

YIQ 147.0520, -112.3710, -28.4910 Background



This preview shows how black text looks on a background with the YIQ color 147.0520, -112.3710, -28.4910.



This preview shows how white text looks on a background with the YIQ color 147.0520, -112.3710, -28.4910.

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

147.0520, -112.3710, -28.4910

Protanopia

178.2670, -13.5730, 9.2030

Deuteranopia

178.3620, -20.9100, 15.5220



Tritanopia

139.9210, -122.5480, -36.7880

Trichromacy



Original Color

147.0520, -112.3710, -28.4910

Protanomaly

166.8000, -49.2870, -4.3510

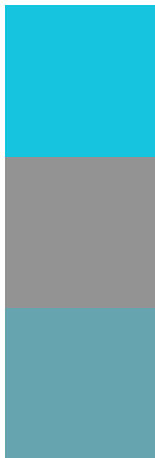
Deuteranomaly

166.9830, -54.0560, -0.5200

Tritanomaly

142.7690, -119.0640, -33.8480

Monochromacy



Original Color

147.0520, -112.3710, -28.4910

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.3030, -40.7580, -10.2460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.0520, -112.3710, -28.4910 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(22, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(22, 196, 223)  
}
```

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(22, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 196, 223) }
```

Border

The CSS property to change the border of an element to YIQ 147.0520, -112.3710, -28.4910 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(22, 196, 223) }
```


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

```
.border{ border-color:rgb(22, 196, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 196, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 196, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 196, 223);  
box-shadow:4px 4px 4px 4px rgb(22, 196,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 147.0520, -112.3710, -28.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 196, 223) }
```

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

```
.background{ background-color: rgb(22, 196,  
223) }
```

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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