

# Converting Colors

YUV(148.1980, 39.3424,  
-112.4296)

Have a look what the booklet for  
YUV(148.1980, 39.3424, -112.4296)  
contains.

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# Color

**YUV(148.1980, 39.3424,  
-112.4296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14C6E4
RGB	20, 198, 228
RGB Percent	8%, 78%, 89%
CMY	0.9216, 0.2235, 0.1059
CMYK	0.91, 0.13, 0.00, 0.11
HSL	189°, 84%, 49%
HSV	189°, 91%, 89%
XYZ	34.4862, 46.1383, 80.4868
YIQ	148.1980, -115.7180, -28.4060

# Conversions

## Conversions Part 2

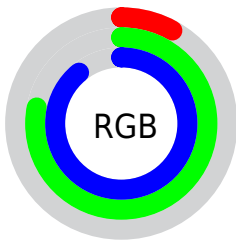
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	20, 116, 228
Decimal	1361636
CIE Lab	73.64, -29.74, -26.29
CIE LCh	74, 39.695, 221.480
Yxy	46.1383, 0.2141, 0.2864
Android (android.graphics.Color)	4279551716 (0xFF14C6E4)
YUV	148.1980, 39.3424, -112.4296
Hunter-Lab	67.9252, -28.2432, -22.7070

# Details

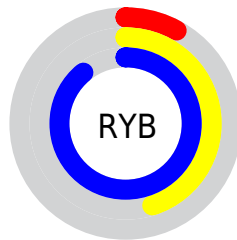
The YUV color **148.1980, 39.3424, -112.4296** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **99.8020, -39.3424, 112.4296**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5420, 20.9318, -87.2983**, and **104.2500, 33.8937, -91.4273** is the 20% darker color. If you saturate the color by 10%, you get **140.4570, 43.1587, -123.1808**, and if you desaturate by 10%, it is **156.8360, 35.0839, -99.8342**.

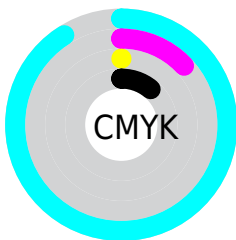
# Distribution



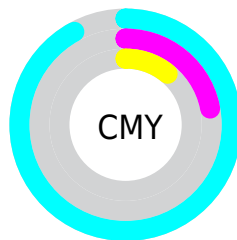
- Red (8%)
- Green (78%)
- Blue (89%)



- Red (8%)
- Yellow (45%)
- Blue (89%)



- Cyan (91%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (92%)
- Magenta (22%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 148.1980, 39.3424, -112.4296 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 YUV color 148.1980, 39.3424, -112.4296 by changing the saturation by 10% instead.



■ 148.1980, 39.3424,  
-112.4296

■ 148.1980, 39.3424,  
-112.4296

■ 255.0000, 0.0000,  
0.0000

■ 123.1770, 37.8737,  
-108.0262

■ 212.5420, 20.9318,  
-87.2983

■ 104.2500, 33.8937,  
-91.4273

■ 222.4090, 16.0674,  
-67.0107

■ 85.9100, 29.6244,  
-75.3431

■ 231.9770, 11.3503,  
-47.3378

■ 68.2710, 25.5024,  
-59.8737

■ 241.5450, 6.6333,  
-27.6650

■ 51.3330, 21.5278,  
-45.0190

■ 250.8140, 2.0637,  
-8.6069

■ 35.0960, 17.7007,  
-30.7792

■ 19.0870, 14.7471,

-16.7393

■ 3.7790, 11.9410,  
-3.3142

■ 0.0000, 0.0000,  
0.0000

■ 148.1980, 39.3424,  
-112.4296

■ 148.1980, 39.3424,  
-112.4296

■ 140.4570, 43.1587,  
-123.1808

■ 156.8360, 35.0839,  
-99.8342

■ 166.0610, 30.5359,  
-87.7535

■ 174.4000, 26.4248,  
-75.7728

■ 183.0380, 22.1663,  
-63.1773

■ 191.6760, 17.9077,  
-50.5819

■ 200.9010, 13.3598,  
-38.5012

■ 209.5390, 9.1013,  
-25.9057

■ 217.8780, 4.9901,  
-13.9250

■ 227.1030, 0.4422,  
-1.8443

# Harmonies

## Analogous

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



154.7650, 19.3429, -91.0019



148.1980, 39.3424, -112.4296



166.5160, 40.6646, -69.7355

# Triad

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



148.1980, 39.3424, -112.4296



186.1040, 9.3157, 45.5128



176.8420, -33.9391, 12.4166

# Complementary

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



148.1980, 39.3424, -112.4296



99.8020, -39.3424, 112.4296

# 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.



180.1210, -33.5837, 38.4819



148.1980, 39.3424, -112.4296



184.3110, -8.0413, 59.3633

# Square

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



148.1980, 39.3424, -112.4296



185.0430, 25.1218, 15.7483



182.1630, -23.7444, 55.9850



172.6900, -23.5112, -19.0221



# Rectangle

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



148.1980, 39.3424, -112.4296



176.0190, 37.9516, -39.4817



182.1630, -23.7444, 55.9850



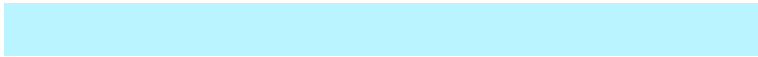
177.9680, -34.9872, 21.9531

# Sweetspot

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



148.1980, 39.3424, -112.4296



228.4990, 13.0650, -37.2716



145.2880, -47.9630, -109.8776



112.2190, 7.7800, -22.1171



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

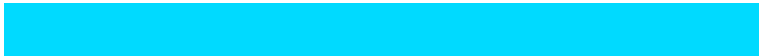


# Same Dimension

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



148.1980, 39.3424, -112.4296



157.0360, 48.2963, -137.7206



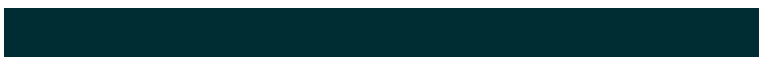
88.3240, 68.8603, -59.9201



110.2380, 2.3477, -6.3477



110.2170, 33.9100, -96.6603



31.6420, 9.5435, -27.7500



# Inverse Universe

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



102.4840, 47.0894, 110.0775



101.0970, 57.6332, 134.9729



159.6760, -68.8603, 59.9201



107.7280, 2.5991, 6.3775



70.9630, 40.4442, 94.7484

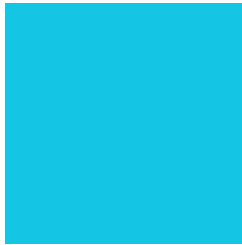


20.2650, 11.7014, 26.9546



# Previews

## White Background



This preview shows how the YUV color 148.1980, 39.3424, -112.4296 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 YUV color 148.1980, 39.3424, -112.4296 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

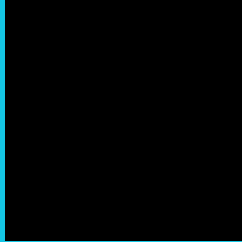
Any Text WCAG AA ✓ Pass

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](#).

# YUV 148.1980, 39.3424, -112.4296 Background



This preview shows how black text looks on a background with the YUV color 148.1980, 39.3424, -112.4296.



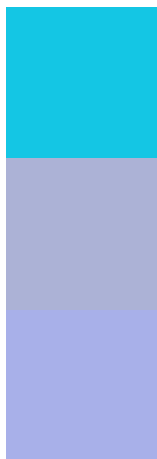
This preview shows how white text looks on a background with the YUV color 148.1980, 39.3424, -112.4296.



# 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

148.1980, 39.3424, -112.4296

### Protanopia

180.3100, 16.6092, -7.2879

### Deuteranopia

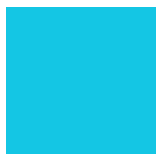
180.1060, 26.0767, -10.6170



## Tritanopia

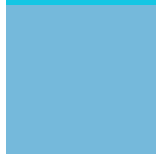
142.0240, 36.4702, -124.5550

# Trichromacy



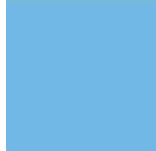
## Original Color

148.1980, 39.3424, -112.4296



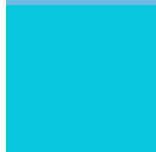
## Protanomaly

168.5440, 24.8748, -45.2041



## Deuteranomaly

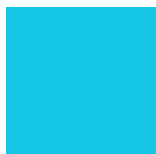
168.4280, 30.8480, -47.7334



## Tritanomaly

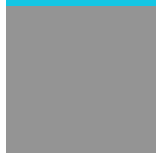
143.9860, 37.4749, -120.1367

# Monochromacy



## Original Color

148.1980, 39.3424, -112.4296



## Achromatopsia

148.0000, 0.0000, 0.0000



## Achromatomaly

147.8190, 14.3862, -41.0603

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.1980, 39.3424, -112.4296 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(20, 198, 228)` looks like.

```
.text, #text, p{  
    color:rgb(20, 198, 228)  
}
```

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(20, 198, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 198, 228) }
```

## Border

The CSS property to change the border of an element to YUV 148.1980, 39.3424, -112.4296 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(20, 198, 228) }
```



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

```
.border{ border-color:rgb(20, 198, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 198, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 198, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 198, 228);  
box-shadow:4px 4px 4px 4px rgb(20, 198,  
228) }
```

# Background

The CSS property to change the background color of an element to YUV 148.1980, 39.3424, -112.4296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 198, 228) }
```

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

```
.background{ background-color: rgb(20, 198,  
228) }
```

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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