

# Converting Colors

YUV(110.8720, 43.9401,  
-93.7267)

Have a look what the booklet for  
YUV(110.8720, 43.9401, -93.7267)  
contains.

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# Color

**YUV(110.8720, 43.9401,  
-93.7267)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0494C8
RGB	4, 148, 200
RGB Percent	2%, 58%, 78%
CMY	0.9843, 0.4196, 0.2157
CMYK	0.98, 0.26, 0.00, 0.22
HSL	196°, 96%, 40%
HSV	196°, 98%, 78%
XYZ	21.0653, 25.3758, 58.4313
YIQ	110.8720, -102.5160, -14.3560

# Conversions

## Conversions Part 2

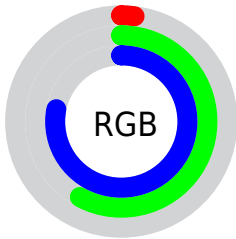
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	4, 87, 200
Decimal	300232
CIE <sub>Lab</sub>	57.44, -13.97, -35.91
CIE <sub>LCh</sub>	57, 38.527, 248.746
Yxy	25.3758, 0.2009, 0.2420
Android (android.graphics.Color)	4278490312 (0xFF0494C8)
<b>YUV</b>	110.8720, 43.9401, -93.7267
Hunter-Lab	50.3744, -13.5108, -33.5109

# Details

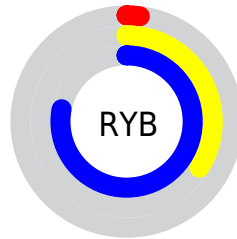
The YUV color **110.8720, 43.9401, -93.7267** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **93.1280, -43.9401, 93.7267**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2450, 38.3332, -68.6209**, and **73.5830, 35.7016, -64.5323** is the 20% darker color. If you saturate the color by 10%, you get **109.0890, 44.8191, -95.6711**, and if you desaturate by 10%, it is **119.7870, 39.5450, -84.0052**.

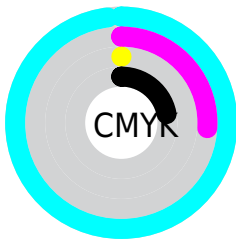
# Distribution



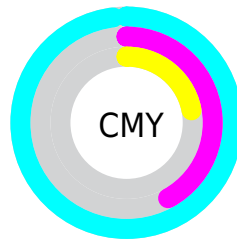
- Red (2%)
- Green (58%)
- Blue (78%)



- Red (2%)
- Yellow (34%)
- Blue (78%)



- Cyan (98%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (42%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 110.8720, 43.9401, -93.7267 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 110.8720, 43.9401, -93.7267 by changing the saturation by 10% instead.



■ 110.8720, 43.9401,  
-93.7267

■ 110.8720, 43.9401,  
-93.7267

255.0000, 0.0000,  
0.0000

■ 91.2220, 39.8236,  
-80.0017

■ 177.2450, 38.3332,  
-68.6209

■ 73.5830, 35.7016,  
-64.5323

■ 203.2490, 25.5132,  
-63.3624

■ 57.1180, 31.0008,  
-50.0925

■ 227.1930, 13.7089,  
-57.1743

■ 40.7670, 26.7369,  
-35.7527

■ 236.4620, 9.1392,  
-38.1162

■ 26.2910, 22.0415,  
-23.0572

■ 245.4320, 4.7170,  
-19.6729

■ 7.8200, 19.8087,  
-6.8581

254.7010, 0.1474,

■ 3.5510, 11.0674,

-0.6148

-3.1142

■ 0.0000, 0.0000,  
0.0000

■ 110.8720, 43.9401,  
-93.7267

■ 110.8720, 43.9401,  
-93.7267

■ 109.0890, 44.8191,  
-95.6711

■ 119.7870, 39.5450,  
-84.0052

■ 129.2890, 34.8605,  
-74.7985

■ 138.2040, 30.4654,  
-65.0769

■ 147.1190, 26.0703,  
-55.3554

■ 156.6210, 21.3858,  
-46.1486

■ 165.5360, 16.9908,  
-36.4271

■ 174.4510, 12.5957,  
-26.7055

■ 183.3660, 8.2006,  
-16.9840

■ 192.8680, 3.5161,  
-7.7772

# Harmonies

## Analogous

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



110.8040, 33.6206, -97.1751



110.8720, 43.9401, -93.7267



134.7600, 34.1353, -28.7305

# Triad

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



110.8720, 43.9401, -93.7267



139.6740, -5.2623, 54.6599



130.2390, -22.7958, -15.1186

# Complementary

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



110.8720, 43.9401, -93.7267



93.1280, -43.9401, 93.7267

# 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.



134.1240, -31.6131, 13.0463



110.8720, 43.9401, -93.7267



138.3520, -20.3865, 52.3113

# Square

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



110.8720, 43.9401, -93.7267



141.7120, 10.4950, 40.5946



137.2070, -30.6681, 36.6525



123.4980, -5.6685, -48.6717



# Rectangle

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



110.8720, 43.9401, -93.7267



140.3290, 27.9388, -1.1655



137.2070, -30.6681, 36.6525



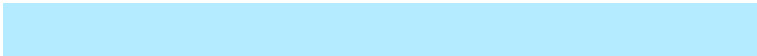
132.1540, -27.1909, -5.3971

# Sweetspot

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



110.8720, 43.9401, -93.7267



221.1340, 16.6959, -35.1975



124.6380, -35.3175, -105.7995



107.5010, 10.1060, -21.4874



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

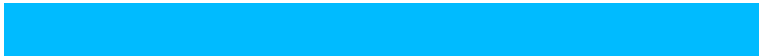


# Same Dimension

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



110.8720, 43.9401, -93.7267



138.8390, 57.2674, -121.7618



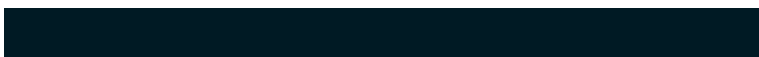
55.1070, 71.4322, -44.8208



95.1350, 1.9054, -4.5034



89.0220, 36.4712, -78.0723



19.3660, 8.2006, -16.9840



# Inverse Universe

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



79.0200, 34.0071, 106.0995



97.5630, 44.0924, 138.0722



148.8930, -71.4322, 44.8208



93.4890, 1.7309, 4.8331



62.4170, 28.3884, 88.2113



13.7280, 6.0501, 19.5325



# Previews

## White Background



This preview shows how the YUV color 110.8720, 43.9401, -93.7267 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 110.8720, 43.9401, -93.7267 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

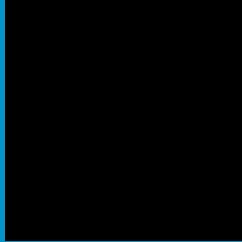
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 110.8720, 43.9401, -93.7267

## Background



This preview shows how black text looks on a background with the YUV color 110.8720, 43.9401, -93.7267.



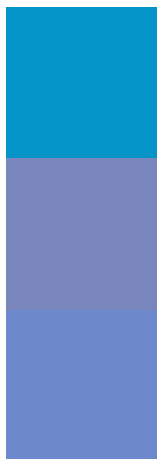
This preview shows how white text looks on a background with the YUV color 110.8720, 43.9401, -93.7267.



# 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

110.8720, 43.9401, -93.7267

### Protanopia

137.0840, 26.0876, -14.1057

### Deuteranopia

135.5650, 33.2455, -23.2975



**Tritanopia**

108.5070, 27.3580, -95.1606

# Trichromacy



## Original Color

110.8720, 43.9401, -93.7267

## Protanomaly

127.6180, 32.7263, -43.5150

## Deuteranomaly

126.4370, 37.2526, -48.6182

## Tritanomaly

109.1140, 33.4678, -94.8160

# Monochromacy



## Original Color

110.8720, 43.9401, -93.7267

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

110.6180, 15.9643, -33.8680

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.8720, 43.9401, -93.7267 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, 148, 200)` looks like.

```
.text, #text, p{  
    color:rgb(4, 148, 200)  
}
```

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, 148, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 148, 200) }
```

## Border

The CSS property to change the border of an element to YUV 110.8720, 43.9401, -93.7267 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, 148, 200) }
```



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

```
.border{ border-color:rgb(4, 148, 200) }
```

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

Here you see how a box with a 4 pixel rgb(4, 148, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 148, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 148, 200);  
box-shadow:4px 4px 4px 4px rgb(4, 148,  
200) }
```

# Background

The CSS property to change the background color of an element to YUV 110.8720, 43.9401, -93.7267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 148, 200) }
```

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

```
.background{ background-color: rgb(4, 148,  
200) }
```

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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