

# Converting Colors

YUV(108.3980, 49.5968,  
-88.0490)

Have a look what the booklet for  
YUV(108.3980, 49.5968, -88.0490)  
contains.

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# Color

**YUV(108.3980, 49.5968,  
-88.0490)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	088CD1
RGB	8, 140, 209
RGB Percent	3%, 55%, 82%
CMY	0.9686, 0.4510, 0.1804
CMYK	0.96, 0.33, 0.00, 0.18
HSL	201°, 93%, 43%
HSV	201°, 96%, 82%
XYZ	20.9868, 23.4112, 63.7343
YIQ	108.3980, -100.8210, -6.5250

# Conversions

## Conversions Part 2

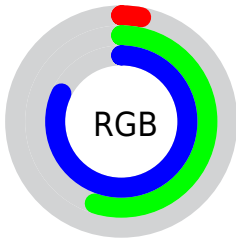
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	8, 88, 209
Decimal	560337
CIE Lab	55.49, -5.95, -44.04
CIE LCh	55, 44.438, 262.301
Yxy	23.4112, 0.1941, 0.2165
Android (android.graphics.Color)	4278750417 (0xFF088CD1)
YUV	108.3980, 49.5968, -88.0490
Hunter-Lab	48.3852, -7.2505, -44.2288

# Details

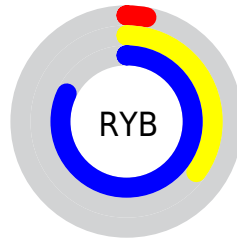
The YUV color **108.3980, 49.5968, -88.0490** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **108.6020, -49.5968, 88.0490**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8590, 40.4955, -62.1433**, and **70.3860, 41.2217, -61.7285** is the 20% darker color. If you saturate the color by 10%, you get **104.2450, 51.6442, -91.4229**, and if you desaturate by 10%, it is **118.7860, 44.4755, -78.7423**.

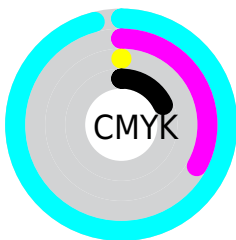
# Distribution



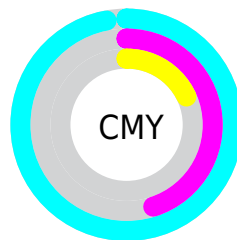
- Red (3%)
- Green (55%)
- Blue (82%)



- Red (3%)
- Yellow (35%)
- Blue (82%)



- Cyan (96%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)



- Cyan (97%)
- Magenta (45%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 108.3980, 49.5968, -88.0490 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 108.3980, 49.5968, -88.0490 by changing the saturation by 10% instead.



■ 108.3980, 49.5968,  
-88.0490

■ 108.3980, 49.5968,  
-88.0490

■ 255.0000, 0.0000,  
0.0000

■ 88.1390, 45.7805,  
-77.2979

■ 172.8590, 40.4955,  
-62.1433

■ 70.3860, 41.2217,  
-61.7285

■ 198.8630, 27.6755,  
-56.8849

■ 53.9210, 36.5209,  
-47.2887

■ 225.1550, 14.7136,  
-52.7559

■ 38.6300, 31.2414,  
-33.8785

■ 237.0600, 8.8444,  
-36.8866

■ 24.1540, 26.5461,  
-21.1831

■ 246.3290, 4.2748,  
-17.8285

■ 9.0910, 22.1401,  
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,  
-0.3999

■ 0.0000, 0.0000,  
0.0000

■ 108.3980, 49.5968,  
-88.0490

■ 108.3980, 49.5968,  
-88.0490

■ 104.2450, 51.6442,  
-91.4229

■ 118.7860, 44.4755,  
-78.7423

■ 129.1740, 39.3542,  
-69.4356

■ 140.1490, 33.9435,  
-60.6437

■ 150.5370, 28.8223,  
-51.3369

■ 160.9250, 23.7010,  
-42.0302

■ 171.0140, 18.7271,  
-33.3383

■ 181.4020, 13.6058,  
-24.0316

■ 191.7900, 8.4845,  
-14.7248

■ 202.7650, 3.0739,  
-5.9329

# Harmonies

## Analogous

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



108.8780, 41.4721, -95.4860



108.3980, 49.5968, -88.0490



133.3860, 34.8127, -12.6165

# Triad

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



108.3980, 49.5968, -88.0490



133.2530, -13.4357, 62.9221



120.6710, -18.0788, -34.7915

# Complementary

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



108.3980, 49.5968, -88.0490



108.6020, -49.5968, 88.0490

# 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.



126.1780, -33.6118, 0.7209



108.3980, 49.5968, -88.0490



131.7620, -28.9697, 51.9517

# Square

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



108.3980, 49.5968, -88.0490



135.3180, 4.7732, 55.8491



129.7410, -37.3403, 30.0451



103.0180, 8.8651, -90.3468



# Rectangle

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



108.3980, 49.5968, -88.0490



136.3960, 26.4268, 17.1927



129.7410, -37.3403, 30.0451



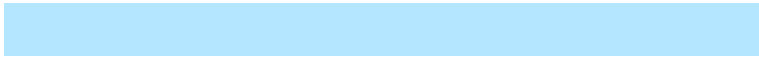
122.8530, -24.0845, -21.7961

# Sweetspot

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



108.3980, 49.5968, -88.0490



218.1990, 18.1429, -32.6235



133.6250, -28.9021, -110.1731



105.1530, 11.2636, -19.4282



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.



108.3980, 49.5968, -88.0490



127.0990, 63.0552, -111.4658



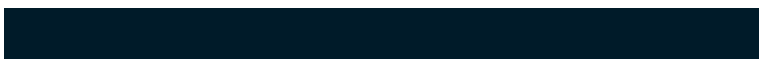
50.8720, 77.9571, -37.5987



99.3630, 2.7790, -4.7034



84.3090, 41.2597, -73.9390



20.5230, 10.0952, -17.9987



# Inverse Universe

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



83.1470, 28.0285, 110.3731



95.2830, 35.3565, 140.0718



166.7150, -78.2465, 37.0839



98.0870, 1.4361, 6.0627



62.8860, 23.7202, 92.1850



15.3370, 5.7499, 22.5065



# Previews

## White Background



This preview shows how the YUV color 108.3980, 49.5968, -88.0490 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 108.3980, 49.5968, -88.0490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

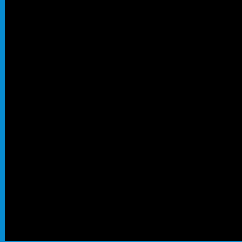
Any Text WCAG AA ✓ Pass

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 108.3980, 49.5968, -88.0490 Background



This preview shows how black text looks on a background with the YUV color 108.3980, 49.5968, -88.0490.



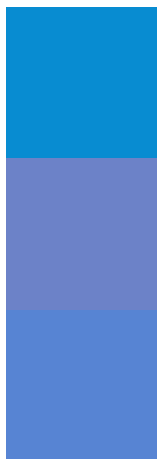
This preview shows how white text looks on a background with the YUV color 108.3980, 49.5968, -88.0490.



# 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

108.3980, 49.5968, -88.0490

### Protanopia

131.4020, 33.8188, -20.5236

### Deuteranopia

127.5510, 41.1404, -35.5632

# Trichromacy



## Original Color

108.3980, 49.5968, -88.0490

## Protanomaly

123.3280, 39.2783, -45.0147

## Deuteranomaly

120.5270, 44.1102, -54.8362

# Monochromacy



## Original Color

108.3980, 49.5968, -88.0490

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

108.4980, 17.9955, -32.0087

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 108.3980, 49.5968, -88.0490 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(8, 140, 209)` looks like.

```
.text, #text, p{  
    color:rgb(8, 140, 209)  
}
```

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(8, 140, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 140, 209) }
```

## Border

The CSS property to change the border of an element to YUV 108.3980, 49.5968, -88.0490 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(8, 140, 209) }
```

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

```
.border{ border-color:rgb(8, 140, 209) }
```

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

Here you see how a box with a 4 pixel rgb(8, 140, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 140, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 140, 209);  
box-shadow:4px 4px 4px 4px rgb(8, 140,  
209) }
```



# Background

The CSS property to change the background color of an element to YUV 108.3980, 49.5968, -88.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 140, 209) }
```

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

```
.background{ background-color: rgb(8, 140,  
209) }
```

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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