

Converting Colors

YUV(108.8120, 48.4067,
-79.6421)

Have a look what the booklet for
YUV(108.8120, 48.4067, -79.6421)
contains.

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Color

**YUV(108.8120, 48.4067,
-79.6421)**

Conversions

Conversions Part 1

Format	Color
Hex	1288CF
RGB	18, 136, 207
RGB Percent	7%, 53%, 81%
CMY	0.9294, 0.4667, 0.1882
CMYK	0.91, 0.34, 0.00, 0.19
HSL	203°, 84%, 44%
HSV	203°, 91%, 81%
XYZ	20.3161, 22.2419, 62.2538
YIQ	108.8120, -93.1190, -2.9350

Conversions

Conversions Part 2

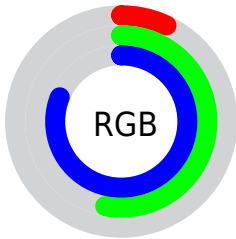
Format	Color
R_{YB}	18, 91, 207
Decimal	1214671
CIE _{Lab}	54.28, -3.99, -44.82
CIE _{LCh}	54, 44.996, 264.914
Yxy	22.2419, 0.1938, 0.2122
Android (android.graphics.Color)	4279404751 (0xFF1288CF)
YUV	108.8120, 48.4067, -79.6421
Hunter-Lab	47.1613, -5.6383, -45.2510

Details

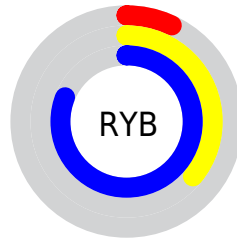
The YUV color **108.8120, 48.4067, -79.6421** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **116.1880, -48.4067, 79.6421**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8100, 41.5057, -59.4694**, and **68.3970, 41.2163, -59.9842** is the 20% darker color. If you saturate the color by 10%, you get **99.3210, 53.0857, -87.1045**, and if you desaturate by 10%, it is **119.7870, 42.9960, -70.8502**.

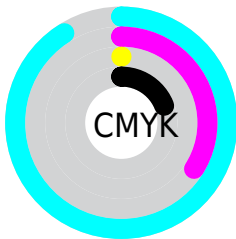
Distribution



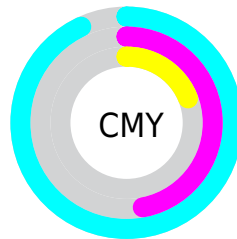
- Red (7%)
- Green (53%)
- Blue (81%)



- Red (7%)
- Yellow (36%)
- Blue (81%)



- Cyan (91%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (93%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.8120, 48.4067, -79.6421 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 108.8120, 48.4067, -79.6421 by changing the saturation by 10% instead.

■ 108.8120, 48.4067,
-79.6421

■ 108.8120, 48.4067,
-79.6421

255.0000, 0.0000,
0.0000

■ 85.5630, 46.0644,
-75.0388

■ 170.8100, 41.5057,
-59.4694

■ 68.3970, 41.2163,
-59.9842

■ 196.8140, 28.6857,
-54.2109

■ 51.9320, 36.5155,
-45.5444

■ 222.5190, 16.0131,
-49.5672

■ 36.0540, 31.5254,
-31.6194

■ 237.3590, 8.6970,
-36.2718

■ 22.1650, 26.5407,
-19.4387

■ 246.6280, 4.1274,
-17.2138

■ 8.9770, 21.7033,
-7.8728

■ 4.7080, 12.9620,

-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 108.8120, 48.4067,
-79.6421

■ 108.8120, 48.4067,
-79.6421

■ 99.3210, 53.0857,
-87.1045

■ 119.7870, 42.9960,
-70.8502

■ 130.4630, 37.7327,
-62.6731

■ 140.8510, 32.6115,
-53.3663

■ 151.8260, 27.2008,
-44.5744

■ 162.8010, 21.7901,
-35.7825

■ 173.4770, 16.5268,
-27.6053

■ 183.8650, 11.4056,
-18.2986

■ 194.8400, 5.9949,
-9.5067

■ 205.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



107.1170, 42.3403, -93.9416



108.8120, 48.4067, -79.6421



130.5930, 34.2177, -8.4131

Triad

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



108.8120, 48.4067, -79.6421



129.4980, -15.0355, 62.7073



115.8060, -16.1734, -39.2949

Complementary

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



108.8120, 48.4067, -79.6421



116.1880, -48.4067, 79.6421

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.



122.6830, -32.8747, -2.3530



108.8120, 48.4067, -79.6421



128.4090, -30.2746, 50.5073

Square

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



108.8120, 48.4067, -79.6421



131.5740, 3.1680, 57.3786



126.2030, -38.0611, 27.8860



101.3710, 10.1701, -88.9024

Rectangle

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



108.8120, 48.4067, -79.6421



133.7770, 25.2529, 20.3666



126.2030, -38.0611, 27.8860



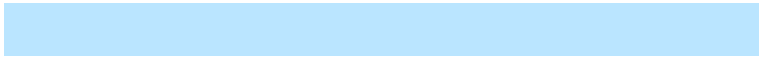
119.0590, -23.2001, -25.4847

Sweetspot

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



108.8120, 48.4067, -79.6421



219.1070, 17.6952, -29.0348



136.8090, -24.5558, -104.1955



106.3490, 10.6739, -16.9691



0.0000, 0.0000, 0.0000



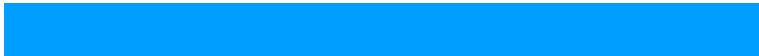
128.0000, 0.0000, 0.0000

Same Dimension

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



108.8120, 48.4067, -79.6421



122.4030, 65.3703, -107.3474



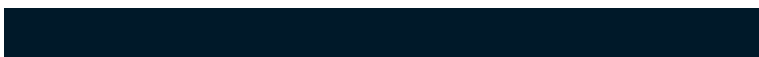
54.2210, 75.3200, -31.7658



99.3630, 2.7790, -4.7034



80.7870, 42.9960, -70.8502



19.3490, 10.6739, -16.9691

Inverse Universe

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



87.9630, 23.6822, 104.3954



94.3710, 31.8621, 140.8716



170.7790, -75.3200, 31.7658



98.0870, 1.4361, 6.0627



62.2020, 21.0994, 92.7848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 108.8120, 48.4067, -79.6421 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 108.8120, 48.4067, -79.6421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

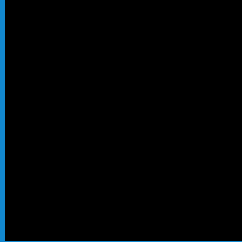
Any Text WCAG AA ✓ Pass

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 108.8120, 48.4067, -79.6421 Background



This preview shows how black text looks on a background with the YUV color 108.8120, 48.4067, -79.6421.



This preview shows how white text looks on a background with the YUV color 108.8120, 48.4067, -79.6421.

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

108.8120, 48.4067, -79.6421

Protanopia

128.0320, 34.9872, -21.9531

Deuteranopia

123.7680, 42.0194, -37.5075



Tritanopia

102.0840, 25.5946, -89.5277

Trichromacy



Original Color

108.8120, 48.4067, -79.6421

Protanomaly

120.8660, 39.9991, -42.8555

Deuteranomaly

118.5380, 44.1048, -53.0918

Tritanomaly

104.5820, 33.7301, -85.5794

Monochromacy



Original Color

108.8120, 48.4067, -79.6421

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1070, 17.6952, -29.0348

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.8120, 48.4067, -79.6421 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(18, 136, 207)` looks like.

```
.text, #text, p{  
    color:rgb(18, 136, 207)  
}
```

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(18, 136, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 136, 207) }
```

Border

The CSS property to change the border of an element to YUV 108.8120, 48.4067, -79.6421 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(18, 136, 207) }
```


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

```
.border{ border-color:rgb(18, 136, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 136, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 136, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 136, 207);  
box-shadow:4px 4px 4px 4px rgb(18, 136,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 108.8120, 48.4067, -79.6421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 136, 207) }
```

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

```
.background{ background-color: rgb(18, 136,  
207) }
```

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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