

Converting Colors

YUV(107.9600, 43.8967,
-79.7719)

Have a look what the booklet for
YUV(107.9600, 43.8967, -79.7719)
contains.

YUV(107.9600, 43.8967, -79.7719)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(107.9600, 43.8967,
-79.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	1189C5
RGB	17, 137, 197
RGB Percent	7%, 54%, 77%
CMY	0.9333, 0.4627, 0.2275
CMYK	0.91, 0.30, 0.00, 0.23
HSL	200°, 84%, 42%
HSV	200°, 91%, 77%
XYZ	19.2549, 22.0417, 56.0630
YIQ	107.9600, -90.7800, -6.7800

Conversions

Conversions Part 2

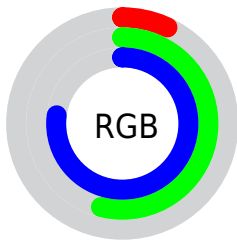
Format	Color
RYB	17, 89, 197
Decimal	1149381
CIELab	54.07, -8.38, -39.49
CIELCh	54, 40.367, 258.024
Yxy	22.0417, 0.1978, 0.2264
Android (android.graphics.Color)	4279339461 (0xFF1189C5)
YUV	107.9600, 43.8967, -79.7719
Hunter-Lab	46.9486, -8.9524, -37.9362

Details

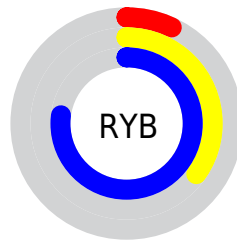
The YUV color **107.9600, 43.8967, -79.7719** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **106.0400, -43.8967, 79.7719**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.6850, 41.0743, -61.1137**, and **67.3710, 37.2851, -59.0844** is the 20% darker color. If you saturate the color by 10%, you get **99.3550, 48.1390, -87.1343**, and if you desaturate by 10%, it is **118.0490, 38.9228, -71.0800**.

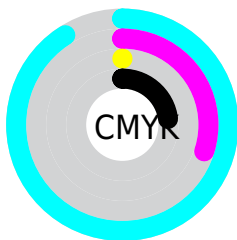
Distribution



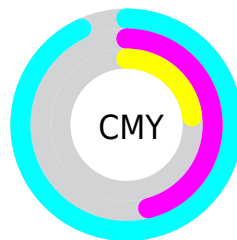
- Red (7%)
- Green (54%)
- Blue (77%)



- Red (7%)
- Yellow (35%)
- Blue (77%)



- Cyan (91%)
- Magenta (30%)
- Yellow (0%)
- Black (23%)



- Cyan (93%)
- Magenta (46%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9600, 43.8967, -79.7719 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 107.9600, 43.8967, -79.7719 by changing the saturation by 10% instead.

■ 107.9600, 43.8967,
-79.7719

■ 107.9600, 43.8967,
-79.7719

255.0000, 0.0000,
0.0000

■ 85.1240, 41.8439,
-74.6537

■ 170.6850, 41.0743,
-61.1137

■ 67.3710, 37.2851,
-59.0844

■ 196.5040, 28.8385,
-56.5700

■ 50.9060, 32.5843,
-44.6446

■ 221.9100, 16.3134,
-52.5411

■ 35.7290, 27.7416,
-31.3343

■ 236.4620, 9.1392,
-38.1162

■ 21.2530, 23.0463,
-18.6389

■ 245.4320, 4.7170,
-19.6729

■ 6.8910, 18.7877,
-6.0434

254.7010, 0.1474,

■ 3.3230, 10.1938,

-0.6148

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 107.9600, 43.8967,
-79.7719

■ 107.9600, 43.8967,
-79.7719

■ 99.3550, 48.1390,
-87.1343

■ 118.0490, 38.9228,
-71.0800

■ 127.2520, 34.3858,
-62.4880

■ 137.3410, 29.4119,
-53.7961

■ 146.8430, 24.7274,
-44.5893

■ 156.9320, 19.7535,
-35.8974

■ 166.1350, 15.2164,
-27.3054

■ 176.2240, 10.2426,
-18.6134

■ 186.3130, 5.2687,
-9.9215

■ 195.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



105.0480, 36.9513, -92.1271



107.9600, 43.8967, -79.7719



128.7830, 32.6450, -17.3497

Triad

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



107.9600, 43.8967, -79.7719



130.1320, -9.9251, 56.8892



119.4980, -18.9795, -25.8697

Complementary

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



107.9600, 43.8967, -79.7719



106.0400, -43.8967, 79.7719

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.



124.0690, -31.5860, 4.3245



107.9600, 43.8967, -79.7719



129.1900, -24.7437, 49.8224

Square

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



107.9600, 43.8967, -79.7719



132.3170, 6.2527, 47.9570



126.8920, -32.9778, 30.7897



106.4720, 3.7113, -70.5739

Rectangle

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



107.9600, 43.8967, -79.7719



132.1240, 25.5749, 10.4153



126.8920, -32.9778, 30.7897



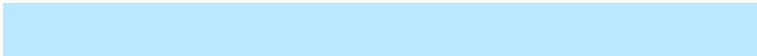
121.4840, -24.3956, -15.3335

Sweetspot

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



107.9600, 43.8967, -79.7719



220.8680, 16.8271, -30.5792



129.5000, -25.8825, -98.6625



107.5230, 10.0952, -17.9987



0.0000, 0.0000, 0.0000



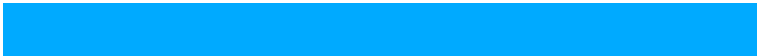
128.0000, 0.0000, 0.0000

Same Dimension

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



107.9600, 43.8967, -79.7719



128.8600, 62.1870, -113.0102



55.1300, 69.9419, -33.4400



94.5480, 2.1948, -3.9886



82.5650, 39.6545, -72.4095



18.1920, 8.7793, -15.9544

Inverse Universe

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



84.5000, 25.8825, 98.6625



95.6250, 36.6669, 139.7719



158.8700, -69.9419, 33.4400



93.3750, 1.2941, 4.9331



61.1630, 23.5836, 89.3110



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 107.9600, 43.8967, -79.7719 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 107.9600, 43.8967, -79.7719 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 107.9600, 43.8967, -79.7719

Background



This preview shows how black text looks on a background with the YUV color 107.9600, 43.8967, -79.7719.

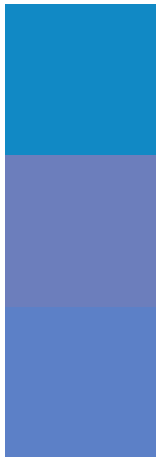


This preview shows how white text looks on a background with the YUV color 107.9600, 43.8967, -79.7719.

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

107.9600, 43.8967, -79.7719

Protanopia

127.6860, 29.7348, -17.2646

Deuteranopia

125.3300, 36.3193, -29.2304



Tritanopia

101.4970, 25.8840, -89.0129

Trichromacy



Original Color

107.9600, 43.8967, -79.7719

Protanomaly

120.5090, 34.7521, -39.9114

Deuteranomaly

118.9040, 38.9943, -47.2738

Tritanomaly

103.9410, 32.5671, -85.8943

Monochromacy



Original Color

107.9600, 43.8967, -79.7719

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2380, 15.6587, -29.1497

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9600, 43.8967, -79.7719 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(17, 137, 197)` looks like.

```
.text, #text, p{  
    color:rgb(17, 137, 197)  
}
```

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(17, 137, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 137, 197) }
```

Border

The CSS property to change the border of an element to YUV 107.9600, 43.8967, -79.7719 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(17, 137, 197) }
```


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

```
.border{ border-color:rgb(17, 137, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 137, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 137, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 137, 197);  
box-shadow:4px 4px 4px 4px rgb(17, 137,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 107.9600, 43.8967, -79.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 137, 197) }
```

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

```
.background{ background-color: rgb(17, 137,  
197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor