

Converting Colors

YUV(104.6920, 46.9868,
-90.9379)

Have a look what the booklet for
YUV(104.6920, 46.9868, -90.9379)
contains.

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Color

**YUV(104.6920, 46.9868,
-90.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	018BC8
RGB	1, 139, 200
RGB Percent	0%, 55%, 78%
CMY	0.9961, 0.4549, 0.2157
CMYK	0.99, 0.31, 0.00, 0.22
HSL	198°, 99%, 39%
HSV	198°, 100%, 78%
XYZ	19.6705, 22.6418, 57.9771
YIQ	104.6920, -101.8290, -10.2850

Conversions

Conversions Part 2

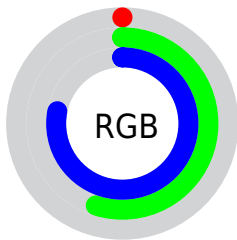
Format	Color
R_{YB}	1, 82, 200
Decimal	101320
CIE _{Lab}	54.70, -9.00, -40.21
CIE _{LCh}	55, 41.200, 257.389
Yxy	22.6418, 0.1961, 0.2258
Android (android.graphics.Color)	4278291400 (0xFF018BC8)
YUV	104.6920, 46.9868, -90.9379
Hunter-Lab	47.5834, -9.4811, -38.9324

Details

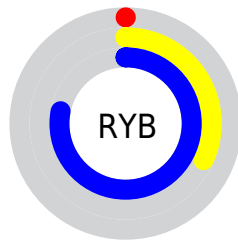
The YUV color **104.6920, 46.9868, -90.9379** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **96.3080, -46.9868, 90.9379**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0760, 41.3745, -64.0877**, and **68.8870, 38.0167, -60.4139** is the 20% darker color. If you saturate the color by 10%, you get **104.3930, 47.1343, -91.5527**, and if you desaturate by 10%, it is **114.1940, 42.3024, -81.7311**.

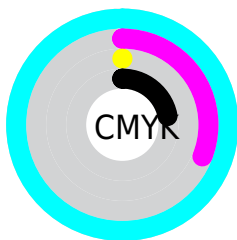
Distribution



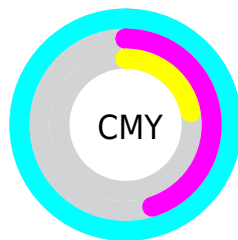
- Red (0%)
- Green (55%)
- Blue (78%)



- Red (0%)
- Yellow (32%)
- Blue (78%)



- Cyan (99%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6920, 46.9868, -90.9379 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 104.6920, 46.9868, -90.9379 by changing the saturation by 10% instead.

■ 104.6920, 46.9868,
-90.9379

■ 104.6920, 46.9868,
-90.9379

■ 255.0000, 0.0000,
0.0000

■ 86.5260, 42.1387,
-75.8833

■ 171.0760, 41.3745,
-64.0877

■ 68.8870, 38.0167,
-60.4139

■ 197.0800, 28.5546,
-58.8292

■ 52.4220, 33.3160,
-45.9741

■ 223.3720, 15.5926,
-54.7002

■ 36.6580, 28.7626,
-32.1491

■ 235.8640, 9.4340,
-39.3457

■ 22.6550, 23.3411,
-19.8684

■ 245.1330, 4.8644,
-20.2876

■ 7.8200, 19.8087,
-6.8581

■ 254.1030, 0.4422,

■ 3.5510, 11.0674,

-1.8443

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 104.6920, 46.9868,
-90.9379

■ 104.6920, 46.9868,
-90.9379

■ 104.3930, 47.1343,
-91.5527

■ 114.1940, 42.3024,
-81.7311

■ 123.6960, 37.6179,
-72.5244

■ 133.1980, 32.9334,
-63.3176

■ 143.2870, 27.9595,
-54.6257

■ 152.7890, 23.2750,
-45.4190

■ 162.2910, 18.5905,
-36.2122

■ 171.7930, 13.9061,
-27.0055

■ 181.2950, 9.2216,
-17.7987

■ 190.7970, 4.5371,
-8.5920

Harmonies

Analogous

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



106.4500, 37.2462, -93.3567



104.6920, 46.9868, -90.9379



129.8260, 34.1028, -18.2644

Triad

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



104.6920, 46.9868, -90.9379



131.7300, -10.2199, 58.1188



120.9710, -19.7057, -26.2846

Complementary

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



104.6920, 46.9868, -90.9379



96.3080, -46.9868, 90.9379

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.



125.5530, -32.3176, 5.6540



104.6920, 46.9868, -90.9379



130.7880, -25.0385, 51.0519

Square

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



104.6920, 46.9868, -90.9379



133.7300, 6.5421, 48.4718



128.9630, -33.9988, 31.6044



107.6460, 3.1325, -71.6035

Rectangle

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



104.6920, 46.9868, -90.9379



134.0530, 26.5959, 9.6005



128.9630, -33.9988, 31.6044



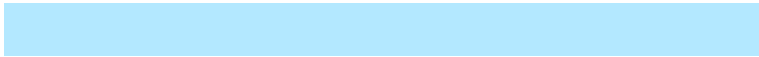
122.6690, -24.9798, -14.6187

Sweetspot

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



104.6920, 46.9868, -90.9379



218.7750, 17.8589, -34.8827



124.6530, -31.3809, -108.4437



105.4410, 11.1216, -20.5578



0.0000, 0.0000, 0.0000



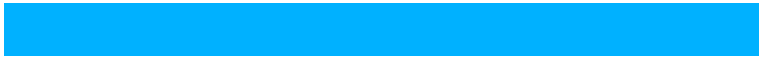
128.0000, 0.0000, 0.0000

Same Dimension

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



104.6920, 46.9868, -90.9379



132.9690, 60.1613, -116.6138



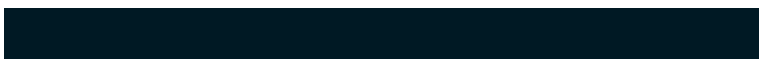
47.1660, 75.3472, -40.4876



94.5480, 2.1948, -3.9886



84.9130, 38.4969, -74.4687



18.7790, 8.4900, -16.4692

Inverse Universe

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



76.2330, 30.9441, 108.5437



96.4230, 39.7245, 139.0720



153.8340, -75.3472, 40.4876



93.3750, 1.2941, 4.9331



61.6190, 25.3308, 88.9111



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 104.6920, 46.9868, -90.9379 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 104.6920, 46.9868, -90.9379 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 104.6920, 46.9868, -90.9379

Background



This preview shows how black text looks on a background with the YUV color 104.6920, 46.9868, -90.9379.



This preview shows how white text looks on a background with the YUV color 104.6920, 46.9868, -90.9379.

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

104.6920, 46.9868, -90.9379

Protanopia

129.5010, 30.3190, -17.9794

Deuteranopia

127.1450, 36.9035, -29.9452



Tritanopia

102.8990, 26.1788, -90.2424

Trichromacy



Original Color

104.6920, 46.9868, -90.9379

Protanomaly

120.5300, 36.2207, -44.3148

Deuteranomaly

118.9250, 40.4630, -51.6772

Tritanomaly

103.5490, 33.7463, -90.8125

Monochromacy



Original Color

104.6920, 46.9868, -90.9379

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.6720, 17.4167, -33.0383

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6920, 46.9868, -90.9379 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(1, 139, 200)` looks like.

```
.text, #text, p{  
    color:rgb(1, 139, 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(1, 139, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 139, 200) }
```

Border

The CSS property to change the border of an element to YUV 104.6920, 46.9868, -90.9379 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(1, 139, 200) }
```


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

```
.border{ border-color:rgb(1, 139, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 139, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 139, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 139, 200);  
box-shadow:4px 4px 4px 4px rgb(1, 139,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 104.6920, 46.9868, -90.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 139, 200) }
```

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

```
.background{ background-color: rgb(1, 139,  
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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