

Converting Colors

YUV(120.9050, 40.4728,
-101.6487)

Have a look what the booklet for
YUV(120.9050, 40.4728, -101.6487)
contains.

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Color

**YUV(120.9050, 40.4728,
-101.6487)**

Conversions

Conversions Part 1

Format	Color
Hex	05A4CB
RGB	5, 164, 203
RGB Percent	2%, 64%, 80%
CMY	0.9804, 0.3569, 0.2039
CMYK	0.98, 0.19, 0.00, 0.20
HSL	192°, 95%, 41%
HSV	192°, 98%, 80%
XYZ	24.1175, 30.8950, 61.1921
YIQ	120.9050, -107.2830, -21.5790

Conversions

Conversions Part 2

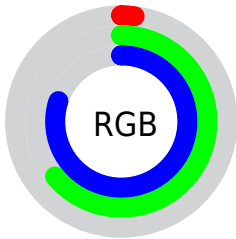
Format	Color
RYB	5, 93, 203
Decimal	369867
CIELab	62.42, -21.47, -29.84
CIELCh	62, 36.762, 234.270
Yxy	30.8950, 0.2075, 0.2659
Android (android.graphics.Color)	4278559947 (0xFF05A4CB)
YUV	120.9050, 40.4728, -101.6487
Hunter-Lab	55.5833, -19.8197, -26.3646

Details

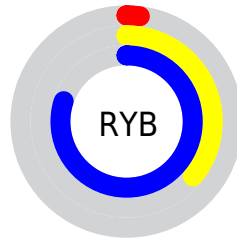
The YUV color **120.9050, 40.4728, -101.6487** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **87.0950, -40.4728, 101.6487**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1210, 32.9713, -75.5281**, and **82.7300, 32.6711, -72.5542** is the 20% darker color. If you saturate the color by 10%, you get **118.8230, 41.4993, -104.2078**, and if you desaturate by 10%, it is **129.2330, 36.3671, -91.4123**.

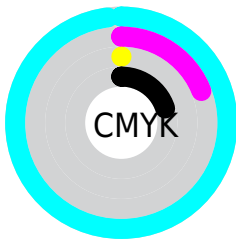
Distribution



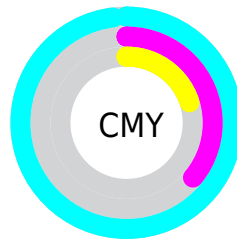
- Red (2%)
- Green (64%)
- Blue (80%)



- Red (2%)
- Yellow (36%)
- Blue (80%)



- Cyan (98%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)



- Cyan (98%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9050, 40.4728, -101.6487 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 120.9050, 40.4728, -101.6487 by changing the saturation by 10% instead.

■ 120.9050, 40.4728,
-101.6487

■ 120.9050, 40.4728,
-101.6487

■ 255.0000, 0.0000,
0.0000

■ 100.9560, 36.5037,
-88.5384

■ 188.1210, 32.9713,
-75.5281

■ 82.7300, 32.6711,
-72.5542

■ 214.7120, 19.8620,
-70.7844

■ 65.0910, 28.5491,
-57.0848

■ 228.0900, 13.2666,
-55.3299

■ 48.7400, 24.2852,
-42.7450

■ 237.3590, 8.6970,
-36.2718

■ 33.0900, 20.1686,
-29.0199

■ 246.3290, 4.2748,
-17.8285

■ 16.9670, 16.7783,
-14.8801

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 120.9050, 40.4728,
-101.6487

■ 120.9050, 40.4728,
-101.6487

■ 118.8230, 41.4993,
-104.2078

■ 129.2330, 36.3671,
-91.4123

■ 137.8600, 32.1140,
-80.5612

■ 146.1880, 28.0083,
-70.3249

■ 154.5160, 23.9026,
-60.0885

■ 163.1430, 19.6495,
-49.2374

■ 171.4710, 15.5438,
-39.0011

■ 179.7990, 11.4381,
-28.7647

■ 188.1270, 7.3324,
-18.5284

■ 196.7540, 3.0793,
-7.6773

Harmonies

Analogous

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



118.7940, 28.6956, -104.1823



120.9050, 40.4728, -101.6487



142.9920, 35.4999, -46.4740

Triad

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



120.9050, 40.4728, -101.6487



154.5790, 2.1796, 47.7272



145.7740, -27.4966, -0.6788

Complementary

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



120.9050, 40.4728, -101.6487



87.0950, -40.4728, 101.6487

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.



149.2010, -31.6511, 25.2567



120.9050, 40.4728, -101.6487



152.8990, -13.2612, 53.5856

Square

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



120.9050, 40.4728, -101.6487



155.2310, 16.6481, 26.9844



150.9290, -25.6010, 44.7893



141.0290, -14.3113, -29.8434

Rectangle

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



120.9050, 40.4728, -101.6487



150.1310, 31.4874, -19.4089



150.9290, -25.6010, 44.7893



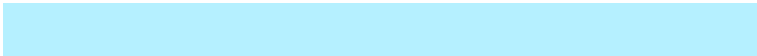
147.1450, -30.1445, 8.6428

Sweetspot

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



120.9050, 40.4728, -101.6487



224.0690, 15.2490, -37.7715



125.3300, -41.5747, -105.5294



109.2620, 9.2378, -23.0318



0.0000, 0.0000, 0.0000



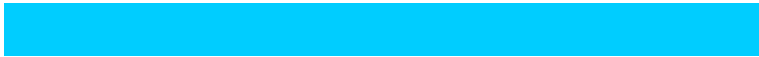
128.0000, 0.0000, 0.0000

Same Dimension

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



120.9050, 40.4728, -101.6487



149.4050, 52.0583, -131.0282



64.5530, 68.2544, -52.2280



97.8360, 2.0529, -5.1182



96.9950, 34.0195, -85.0646



22.5290, 7.6272, -19.7579

Inverse Universe

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



82.3280, 40.2643, 105.8293



99.6150, 51.9548, 136.2726



143.4470, -68.2544, 52.2280



95.9020, 2.0203, 5.3479



64.7960, 33.6246, 88.7559



14.8960, 7.9393, 20.2622

Previews

White Background



This preview shows how the YUV color 120.9050, 40.4728, -101.6487 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 120.9050, 40.4728, -101.6487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

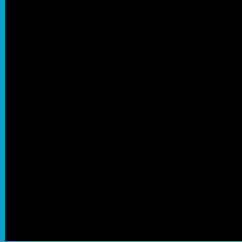
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 120.9050, 40.4728, -101.6487 Background



This preview shows how black text looks on a background with the YUV color 120.9050, 40.4728, -101.6487.

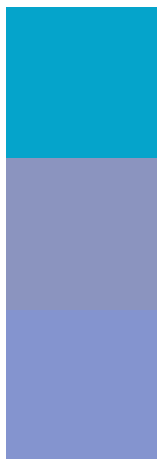


This preview shows how white text looks on a background with the YUV color 120.9050, 40.4728, -101.6487.

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

120.9050, 40.4728, -101.6487

Protanopia

150.2110, 20.1090, -9.8320

Deuteranopia

149.9420, 28.1296, -15.7351



Tritanopia

118.5490, 30.2953, -103.9675

Trichromacy



Original Color

120.9050, 40.4728, -101.6487

Protanomaly

139.5380, 27.3428, -43.4448

Deuteranomaly

139.5960, 32.7372, -47.0037

Tritanomaly

119.4720, 33.7843, -103.0229

Monochromacy



Original Color

120.9050, 40.4728, -101.6487

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.2540, 14.6648, -37.0568

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9050, 40.4728, -101.6487 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(5, 164, 203)` looks like.

```
.text, #text, p{  
    color:rgb(5, 164, 203)  
}
```

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(5, 164, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 164, 203) }
```

Border

The CSS property to change the border of an element to YUV 120.9050, 40.4728, -101.6487 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(5, 164, 203) }
```


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

```
.border{ border-color:rgb(5, 164, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 164, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 164, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 164, 203);  
box-shadow:4px 4px 4px 4px rgb(5, 164,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 120.9050, 40.4728, -101.6487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 164, 203) }
```

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

```
.background{ background-color: rgb(5, 164,  
203) }
```

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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