

Converting Colors

YUV(120.8810, 9.9187,
-101.6276)

Have a look what the booklet for
YUV(120.8810, 9.9187, -101.6276)
contains.

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Color

**YUV(120.8810, 9.9187,
-101.6276)**

Conversions

Conversions Part 1

Format	Color
Hex	05B08D
RGB	5, 176, 141
RGB Percent	2%, 69%, 55%
CMY	0.9804, 0.3098, 0.4471
CMYK	0.97, 0.00, 0.20, 0.31
HSL	168°, 94%, 35%
HSV	168°, 97%, 69%
XYZ	20.3956, 33.0060, 30.4951
YIQ	120.8810, -90.6810, -47.1370

Conversions

Conversions Part 2

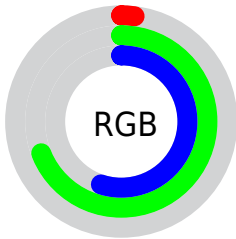
Format	Color
RYB	5, 100, 176
Decimal	372877
CIELab	64.17, -46.20, 7.36
CIELCh	64, 46.782, 170.945
Yxy	33.0060, 0.2431, 0.3934
Android (android.graphics.Color)	4278562957 (0xFF05B08D)
YUV	120.8810, 9.9187, -101.6276
Hunter-Lab	57.4509, -37.1697, 8.7442

Details

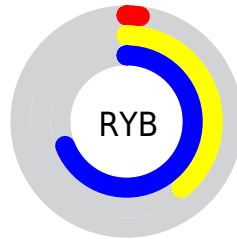
The YUV color **120.8810, 9.9187, -101.6276** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **60.1190, -9.9187, 101.6276**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7050, 3.5964, -80.4253**, and **81.9880, 4.4429, -71.9035** is the 20% darker color. If you saturate the color by 10%, you get **119.2720, 10.2189, -104.6015**, and if you desaturate by 10%, it is **126.7190, 9.0125, -90.9616**.

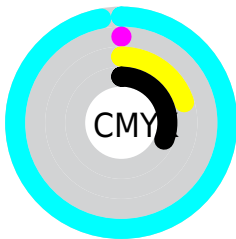
Distribution



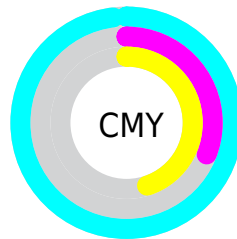
- Red (2%)
- Green (69%)
- Blue (55%)



- Red (2%)
- Yellow (39%)
- Blue (69%)



- Cyan (97%)
- Magenta (0%)
- Yellow (20%)
- Black (31%)




- Cyan (98%)
- Magenta (31%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8810, 9.9187, -101.6276 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 120.8810, 9.9187, -101.6276 by changing the saturation by 10% instead.


 120.8810, 9.9187,
-101.6276

 120.8810, 9.9187,
-101.6276

255.0000, 0.0000,
0.0000


 100.5730, 7.1125,
-88.2025

 187.7050, 3.5964,
-80.4253


 81.9880, 4.4429,
-71.9035


 213.0800, 4.8906,
-75.4922

 64.5770, 1.1945,
-56.6340


 225.2420, 12.6987,
-59.8482

 47.3940, -1.1802,
-41.5645

 234.6680, 10.0237,
-41.8048

 30.9120, -3.4076,
-27.1098

 243.6380, 5.6015,
-23.3615

 13.5010, -6.6560,
-11.8404

 252.9070, 1.0318,

 0.0000, 0.0000,

-4.3034

0.0000

■ 120.8810, 9.9187,
-101.6276

■ 120.8810, 9.9187,
-101.6276

■ 119.2720, 10.2189,
-104.6015

■ 126.7190, 9.0125,
-90.9616

■ 132.1440, 7.8170,
-80.8103

■ 137.9820, 6.9109,
-70.1442

■ 143.4070, 5.7153,
-59.9929

■ 149.2450, 4.8092,
-49.3269

■ 155.0830, 3.9031,
-38.6608

■ 160.5080, 2.7076,
-28.5095

■ 166.3460, 1.8014,
-17.8434

■ 171.7710, 0.6059,
-7.6922

Harmonies

Analogous

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



142.3890, -20.4048, -35.4212



120.8810, 9.9187, -101.6276



124.8750, 29.1486, -109.5154

Triad

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



120.8810, 9.9187, -101.6276



155.8740, 38.0231, -15.6755



155.2250, -31.1699, 57.6847

Complementary

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



120.8810, 9.9187, -101.6276



60.1190, -9.9187, 101.6276

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.



156.1720, -13.8888, 68.2552



120.8810, 9.9187, -101.6276



160.2020, 24.0574, 30.5178

Square

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



120.8810, 9.9187, -101.6276



135.0610, 50.7489, -84.2455



158.8670, 5.4886, 59.7526



152.6660, -40.2613, 33.6189

Rectangle

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



120.8810, 9.9187, -101.6276



126.5510, 40.6474, -110.9852



158.8670, 5.4886, 59.7526



155.3380, -25.8026, 62.8476

Sweetspot

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



120.8810, 9.9187, -101.6276



208.3710, 3.7611, -39.7904



116.4400, -54.9399, -65.2839



102.1280, 2.4019, -23.7913



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



120.8810, 9.9187, -101.6276



155.8720, 13.3741, -136.6997



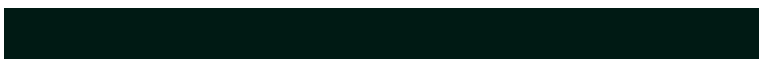
96.6950, 39.0974, -80.4165



86.0810, 0.4531, -5.3330



103.7190, 9.0125, -90.9616



17.5420, 1.2118, -15.3843

Inverse Universe

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



60.1190, -9.9187, 101.6276



74.1280, -13.3741, 136.6997



84.3050, -39.0974, 80.4165



82.9190, -0.4531, 5.3330



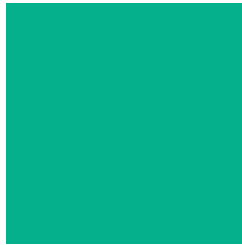
49.2810, -9.0125, 90.9616



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 120.8810, 9.9187, -101.6276 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 120.8810, 9.9187, -101.6276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

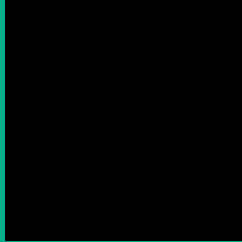
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 120.8810, 9.9187, -101.6276

Background



This preview shows how black text looks on a background with the YUV color 120.8810, 9.9187, -101.6276.



This preview shows how white text looks on a background with the YUV color 120.8810, 9.9187, -101.6276.

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

120.8810, 9.9187, -101.6276

Protanopia

153.9550, -11.8098, 7.9325

Deuteranopia

155.6490, -4.2640, 14.3398



Tritanopia

136.6130, 23.3618, -73.3286

Trichromacy



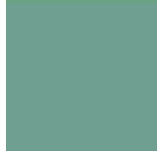
Original Color

120.8810, 9.9187, -101.6276



Protanomaly

142.0640, -3.9756, -31.6281



Deuteranomaly

143.0520, 0.9604, -28.1096



Tritanomaly

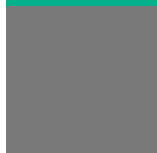
130.8800, 18.3002, -83.2098

Monochromacy



Original Color

120.8810, 9.9187, -101.6276



Achromatopsia

121.0000, 0.0000, 0.0000



Achromatomaly

120.9800, 3.4609, -36.8165

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8810, 9.9187, -101.6276 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, 176, 141)` looks like.

```
.text, #text, p{  
    color:rgb(5, 176, 141)  
}
```

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, 176, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 176, 141) }
```

Border

The CSS property to change the border of an element to YUV 120.8810, 9.9187, -101.6276 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, 176, 141) }
```


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

```
.border{ border-color:rgb(5, 176, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 176, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 176, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 176, 141);  
box-shadow:4px 4px 4px 4px rgb(5, 176,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 120.8810, 9.9187, -101.6276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 176, 141) }
```

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

```
.background{ background-color: rgb(5, 176,  
141) }
```

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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