

Converting Colors

YUV(120.4100, 27.8989,
-81.9206)

Have a look what the booklet for
YUV(120.4100, 27.8989, -81.9206)
contains.

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Color

**YUV(120.4100, 27.8989,
-81.9206)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1B9DB1 |
| RGB | 27, 157, 177 |
| RGB Percent | 11%, 62%, 69% |
| CMY | 0.8941, 0.3843, 0.3059 |
| CMYK | 0.85, 0.11, 0.00, 0.31 |
| HSL | 188°, 74%, 40% |
| HSV | 188°, 85%, 69% |
| XYZ | 20.4448, 27.5213, 45.8296 |
| YIQ | 120.4100, -83.9000, -21.3400 |

Conversions

Conversions Part 2

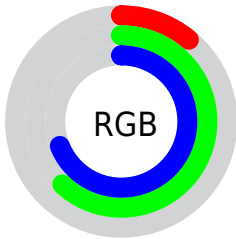
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 27, 97, 177 |
| Decimal | 1809841 |
| CIE _{Lab} | 59.45, -25.65, -19.79 |
| CIE _{LCh} | 59, 32.397, 217.657 |
| Yxy | 27.5213, 0.2180, 0.2934 |
| Android (android.graphics.Color) | 4279999921 (0xFF1B9DB1) |
| YUV | 120.4100, 27.8989, -81.9206 |
| Hunter-Lab | 52.4607, -22.2420, -15.0731 |

Details

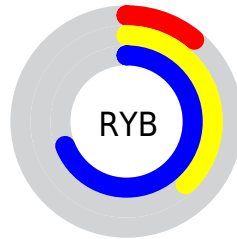
The YUV color **120.4100, 27.8989, -81.9206** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **83.5900, -27.8989, 81.9206**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5040, 25.3875, -69.7250**, and **75.7710, 23.7769, -66.4512** is the 20% darker color. If you saturate the color by 10%, you get **113.8540, 31.1310, -91.9570**, and if you desaturate by 10%, it is **126.9660, 24.6668, -71.8842**.

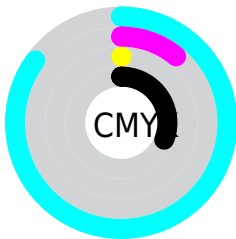
Distribution



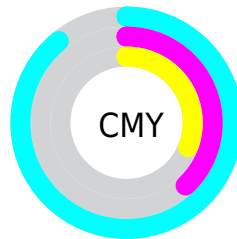
- Red (11%)
- Green (62%)
- Blue (69%)



- Red (11%)
- Yellow (38%)
- Blue (69%)



- Cyan (85%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.4100, 27.8989, -81.9206 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 120.4100, 27.8989, -81.9206 by changing the saturation by 10% instead.

120.4100, 27.8989,
-81.9206

120.4100, 27.8989,
-81.9206

255.0000, 0.0000,
0.0000

93.9970, 27.6095,
-82.4354

181.5040, 25.3875,
-69.7250

75.7710, 23.7769,
-66.4512

209.7170, 22.3245,
-67.2808

58.8330, 19.8023,
-51.5965

227.4920, 13.5614,
-56.5595

42.0090, 16.2646,
-36.8419

236.1630, 9.2866,
-38.7310

27.1740, 12.7322,
-23.8316

245.4320, 4.7170,
-19.6729

4.8220, 13.3988,
-4.2289

254.4020, 0.2948,

0.4560, 1.7472,

-1.2296

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 120.4100, 27.8989,
-81.9206

■ 120.4100, 27.8989,
-81.9206

■ 113.8540, 31.1310,
-91.9570

■ 126.9660, 24.6668,
-71.8842

■ 109.9890, 33.0364,
-96.4604

■ 133.8100, 21.2927,
-62.9774

■ 140.3660, 18.0606,
-52.9410

■ 146.9220, 14.8285,
-42.9046

■ 153.7660, 11.4544,
-33.9978

■ 160.3220, 8.2223,
-23.9614

■ 167.4650, 4.7008,
-14.4398

■ 174.0210, 1.4686,
-4.4034

■ 180.2780, -1.6161,
5.0182

Harmonies

Analogous

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



125.6820, 11.9888, -65.4961



120.4100, 27.8989, -81.9206



130.8890, 31.6067, -57.7847

Triad

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



120.4100, 27.8989, -81.9206



146.9130, 8.9169, 33.4023



140.6770, -26.9558, 12.5613

Complementary

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



120.4100, 27.8989, -81.9206



83.5900, -27.8989, 81.9206

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.



142.8520, -25.5630, 32.5788



120.4100, 27.8989, -81.9206



145.8470, -4.3616, 45.7382

Square

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



120.4100, 27.8989, -81.9206



146.1470, 20.6335, 8.6411



144.5190, -17.0179, 45.1488



137.3580, -19.8965, -11.7150

Rectangle

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



120.4100, 27.8989, -81.9206



138.3910, 30.3732, -35.4229



144.5190, -17.0179, 45.1488



141.6070, -27.4143, 19.6387

Sweetspot

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



120.4100, 27.8989, -81.9206



207.9620, 10.8647, -31.5387



117.3300, -34.6727, -79.2194



101.6000, 6.6062, -18.9432



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.



120.4100, 27.8989, -81.9206



143.0330, 42.8747, -125.4399



76.3850, 49.6032, -43.3106



85.7220, 1.6161, -5.0182



95.5130, 28.3411, -83.7649



15.8780, 4.9901, -13.9250

Inverse Universe

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



86.6700, 34.6727, 79.2194



91.4560, 53.0192, 121.5031



127.6150, -49.6032, 43.3106



83.6030, 2.1677, 4.7332



60.9090, 35.5409, 80.7638



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 120.4100, 27.8989, -81.9206 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 120.4100, 27.8989, -81.9206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

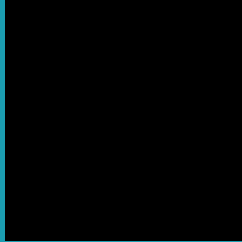
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4100, 27.8989, -81.9206

Background



This preview shows how black text looks on a background with the YUV color 120.4100, 27.8989, -81.9206.



This preview shows how white text looks on a background with the YUV color 120.4100, 27.8989, -81.9206.

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

120.4100, 27.8989, -81.9206

Protanopia

142.6540, 11.5096, -4.9586

Deuteranopia

143.4780, 18.4983, -6.5582



Tritanopia

117.0240, 26.6102, -88.5980

Trichromacy



Original Color

120.4100, 27.8989, -81.9206

Protanomaly

134.6720, 17.4167, -33.0383

Deuteranomaly

134.9260, 22.2215, -34.1381

Tritanomaly

118.4480, 26.8941, -86.3389

Monochromacy



Original Color

120.4100, 27.8989, -81.9206

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8590, 10.4225, -29.6943

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4100, 27.8989, -81.9206 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(27, 157, 177)` looks like.

```
.text, #text, p{  
    color:rgb(27, 157, 177)  
}
```

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(27, 157, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 157, 177) }
```

Border

The CSS property to change the border of an element to YUV 120.4100, 27.8989, -81.9206 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(27, 157, 177) }
```


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

```
.border{ border-color:rgb(27, 157, 177) }
```

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

Here you see how a box with a 4 pixel rgb(27, 157, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 157, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 157, 177);  
box-shadow:4px 4px 4px 4px rgb(27, 157,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 120.4100, 27.8989, -81.9206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 157, 177) }
```

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

```
.background{ background-color: rgb(27, 157,  
177) }
```

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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