

Converting Colors

YUV(178.5800, 19.9271,
-91.7167)

Have a look what the booklet for
YUV(178.5800, 19.9271, -91.7167)
contains.

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Color

**YUV(178.5800, 19.9271,
-91.7167)**

Conversions

Conversions Part 1

Format	Color
Hex	4AE0DB
RGB	74, 224, 219
RGB Percent	29%, 88%, 86%
CMY	0.7098, 0.1216, 0.1412
CMYK	0.67, 0.00, 0.02, 0.12
HSL	178°, 71%, 58%
HSV	178°, 67%, 88%
XYZ	42.2659, 59.8816, 76.3485
YIQ	178.5800, -87.7950, -33.3550

Conversions

Conversions Part 2

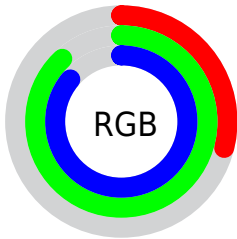
Format	Color
RYB	74, 150, 224
Decimal	4907227
CIELab	81.77, -39.80, -9.11
CIELCh	82, 40.827, 192.888
Yxy	59.8816, 0.2368, 0.3355
Android (android.graphics.Color)	4283097307 (0xFF4AE0DB)
YUV	178.5800, 19.9271, -91.7167
Hunter-Lab	77.3832, -37.9259, -4.3290

Details

The YUV color **178.5800, 19.9271, -91.7167** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **119.4200, -19.9271, 91.7167**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9140, 16.8044, -70.0846**, and **117.3120, 23.0172, -102.8826** is the 20% darker color. If you saturate the color by 10%, you get **171.8880, 22.7332, -105.1418**, and if you desaturate by 10%, it is **185.2720, 17.1209, -78.2915**.

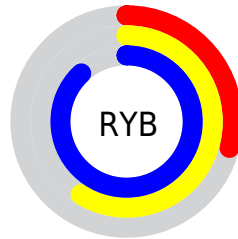
Distribution



Red (29%)

Green (88%)

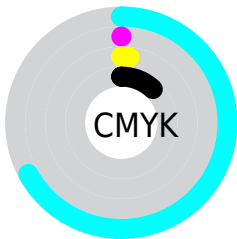
Blue (86%)



Red (29%)

Yellow (59%)

Blue (88%)

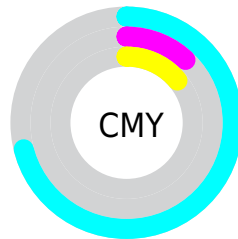


Cyan (67%)

Magenta (0%)

Yellow (2%)

Black (12%)



Cyan (71%)

Magenta (12%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.5800, 19.9271, -91.7167 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 178.5800, 19.9271, -91.7167 by changing the saturation by 10% instead.

178.5800, 19.9271,
-91.7167

178.5800, 19.9271,
-91.7167

255.0000, 0.0000,
0.0000

144.3010, 23.0226,
-104.6270

220.9140, 16.8044,
-70.0846

117.3120, 23.0172,
-102.8826

230.1830, 12.2348,
-51.0265

98.4990, 19.4740,
-86.3836

239.4520, 7.6652,
-31.9684

80.2730, 15.6414,
-70.3994

248.7210, 3.0955,
-12.9103

62.8620, 12.3930,
-55.1300

45.5650, 9.5815,
-39.9605

30.1430, 6.3385,

-26.4354

■ 10.2530, 6.2843,
-8.9919

■ 0.0000, 0.0000,
0.0000

■ 178.5800, 19.9271,
-91.7167

■ 178.5800, 19.9271,
-91.7167

■ 171.8880, 22.7332,
-105.1418

■ 185.2720, 17.1209,
-78.2915

■ 165.0110, 26.1236,
-119.2816

■ 192.1490, 13.7305,
-64.1517

■ 158.3190, 28.9297,
-132.7068

■ 198.8410, 10.9244,
-50.7266

■ 156.2260, 29.9616,
-137.0102

■ 205.8320, 7.9708,
-36.6867

■ 212.5240, 5.1647,
-23.2615

■ 219.1020, 1.9217,
-9.7365

■ 226.0930, -1.0318,
4.3034

■ 232.7850, -3.8380,
17.7286

■ 233.4970, -3.6960,
18.8581

Harmonies

Analogous

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



187.6110, -3.7522, -56.6638



178.5800, 19.9271, -91.7167



176.6230, 38.1469, -102.2784

Triad

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



178.5800, 19.9271, -91.7167



207.3100, 23.5112, 19.0221



202.3770, -35.1889, 40.0114

Complementary

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



178.5800, 19.9271, -91.7167



119.4200, -19.9271, 91.7167

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.



199.9340, -23.1385, 48.2929



178.5800, 19.9271, -91.7167



206.0220, 10.3422, 42.9537

Square

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



178.5800, 19.9271, -91.7167



199.6810, 27.2723, -20.7682



199.8150, -5.8248, 48.3972



199.2010, -35.1021, 12.1017

Rectangle

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



178.5800, 19.9271, -91.7167



183.3700, 35.3136, -80.1315



199.8150, -5.8248, 48.3972



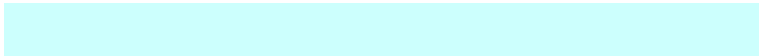
202.6920, -32.8792, 45.8741

Sweetspot

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



178.5800, 19.9271, -91.7167



239.5230, 6.6442, -31.1537



163.5450, -44.1457, -74.1460



118.5030, 3.6960, -18.8581



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.



178.5800, 19.9271, -91.7167



193.2060, 27.0134, -124.7147



138.0600, 42.3684, -56.1806



108.7110, 1.6215, -6.7625



122.6920, 23.3228, -107.6009



33.5340, 6.6387, -29.4093

Inverse Universe

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



119.4200, -19.9271, 91.7167



112.7940, -27.0134, 124.7147



159.9400, -42.3684, 56.1806



104.2890, -1.6215, 6.7625



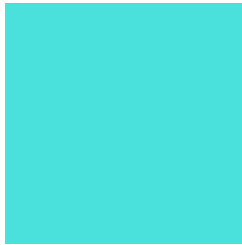
53.3080, -23.3228, 107.6009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 178.5800, 19.9271, -91.7167 looks on a white background.

Color Contrast Check

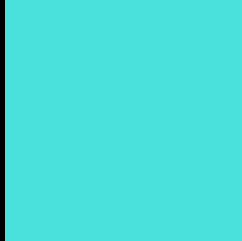
Large Text (above 18pt) WCAG AA × Fail

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 178.5800, 19.9271, -91.7167 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

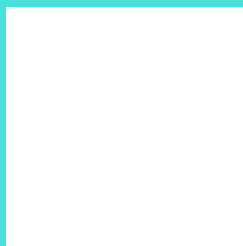
Any Text WCAG AAA ✓ Pass

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

YUV 178.5800, 19.9271, -91.7167 Background



This preview shows how black text looks on a background with the YUV color 178.5800, 19.9271, -91.7167.



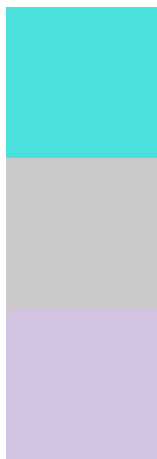
This preview shows how white text looks on a background with the YUV color 178.5800, 19.9271, -91.7167.

-91.7167.

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

178.5800, 19.9271, -91.7167

Protanopia

202.3530, 1.3050, 1.4444

Deuteranopia

203.4920, 10.6034, 5.7075



Tritanopia

182.0890, 28.0571, -86.0241

Trichromacy



Original Color

178.5800, 19.9271, -91.7167



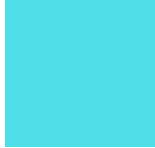
Protanomaly

193.5660, 8.1020, -32.0684



Deuteranomaly

194.4830, 14.0589, -29.3646



Tritanomaly

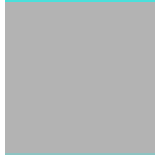
180.6820, 25.2998, -88.2981

Monochromacy



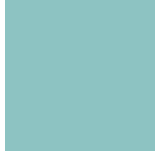
Original Color

178.5800, 19.9271, -91.7167



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.7400, 7.5232, -33.0980

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5800, 19.9271, -91.7167 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(74, 224, 219)` looks like.

```
.text, #text, p{  
    color:rgb(74, 224, 219)  
}
```

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(74, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 224, 219) }
```

Border

The CSS property to change the border of an element to YUV 178.5800, 19.9271, -91.7167 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(74, 224, 219) }
```


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

```
.border{ border-color:rgb(74, 224, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 224, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(74, 224,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 178.5800, 19.9271, -91.7167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 224, 219) }
```

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

```
.background{ background-color: rgb(74, 224,  
219) }
```

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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