

Converting Colors

YUV(178.2250, -8.4919,
-76.4963)

Have a look what the booklet for
YUV(178.2250, -8.4919, -76.4963)
contains.

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Color

**YUV(178.2250, -8.4919,
-76.4963)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE2A1
RGB	91, 226, 161
RGB Percent	36%, 89%, 63%
CMY	0.6431, 0.1137, 0.3686
CMYK	0.60, 0.00, 0.29, 0.11
HSL	151°, 70%, 62%
HSV	151°, 60%, 89%
XYZ	37.9438, 59.1901, 43.1432
YIQ	178.2250, -59.5950, -48.8350

Conversions

Conversions Part 2

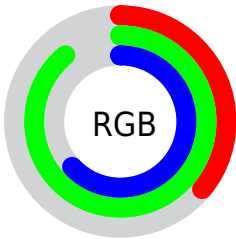
Format	Color
RYB	91, 180, 226
Decimal	6021793
CIELab	81.40, -51.65, 21.03
CIELCh	81, 55.766, 157.849
Yxy	59.1901, 0.2705, 0.4220
Android (android.graphics.Color)	4284211873 (0xFF5BE2A1)
YUV	178.2250, -8.4919, -76.4963
Hunter-Lab	76.9351, -46.6016, 20.6063

Details

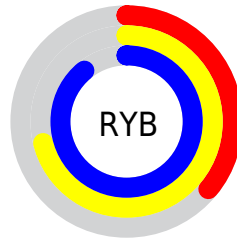
The YUV color **178.2250, -8.4919, -76.4963** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **138.7750, 8.4919, 76.4963**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7570, -1.8522, -59.4229**, and **112.2160, -1.5855, -98.4134** is the 20% darker color. If you saturate the color by 10%, you get **170.0940, -9.9063, -89.5364**, and if you desaturate by 10%, it is **186.3560, -7.0775, -63.4562**.

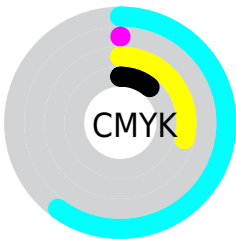
Distribution



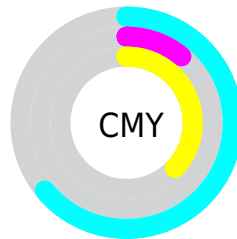
- Red (36%)
- Green (89%)
- Blue (63%)



- Red (36%)
- Yellow (71%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2250, -8.4919, -76.4963 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 178.2250, -8.4919, -76.4963 by changing the saturation by 10% instead.

 178.2250, -8.4919,
-76.4963


 178.2250, -8.4919,
-76.4963


255.0000, 0.0000,
0.0000

 148.0720, -6.4445,
-79.8701


 219.7570, -1.8522,
-59.4229


 112.2160, -1.5855,
-98.4134


 232.0330, 6.3927,
-43.8789


 93.0440, -3.9657,
-81.5996

 242.1430, 6.3385,
-26.4354

 75.0460, -6.9247,
-65.8153

 251.1130, 1.9163,
-7.9921

 57.1620, -9.4469,
-50.1311

 40.0930, -11.3848,
-35.1616

 25.8280, -12.7332,

-22.6512

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 178.2250, -8.4919,
-76.4963

■ 178.2250, -8.4919,
-76.4963

■ 170.0940, -9.9063,
-89.5364

■ 186.3560, -7.0775,
-63.4562

■ 162.2620,
-11.4682, -101.9618

■ 194.1880, -5.5157,
-51.0309

■ 154.1310,
-12.8826, -115.0019

■ 202.3190, -4.1013,
-37.9908

■ 146.2990,
-14.4444, -127.4272

■ 210.1510, -2.5394,
-25.5654

■ 146.0000,
-14.2970, -128.0420

■ 218.1680, -1.5618,
-12.4253

■ 226.2990, -0.1474,
0.6148

■ 234.1310, 1.4144,
13.0401

■ 237.1790, 5.3348,
15.6290

■ 237.9770, 8.3923,
14.9292

Harmonies

Analogous

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



190.6390, -36.3040, -22.4854



178.2250, -8.4919, -76.4963



158.9330, 27.6410, -139.3842

Triad

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



178.2250, -8.4919, -76.4963



189.7920, 32.1475, -44.5446



190.3480, -24.3286, 56.6998

Complementary

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



178.2250, -8.4919, -76.4963



138.7750, 8.4919, 76.4963

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.



190.6510, -0.3209, 56.4341



178.2250, -8.4919, -76.4963



203.7660, 25.2584, 18.6222

Square

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



178.2250, -8.4919, -76.4963



157.0360, 48.2963, -137.7206



200.8020, 20.8036, 47.5316



196.8100, -45.2623, 51.0326

Rectangle

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



178.2250, -8.4919, -76.4963



162.2220, 42.7816, -142.2687



200.8020, 20.8036, 47.5316



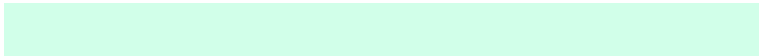
189.7100, -16.6190, 57.2593

Sweetspot

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



178.2250, -8.4919, -76.4963



238.7380, -2.8288, -26.0802



189.6800, -48.6492, -29.5374



117.7330, -1.8404, -16.4288



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.



178.2250, -8.4919, -76.4963



189.9520, -11.3153, -104.3209



184.4610, 20.4787, -81.9653



108.1410, -0.5625, -6.2627



113.6860, -11.1842, -99.7026



31.0260, -2.9708, -27.2098

Inverse Universe

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



138.7750, 8.4919, 76.4963



136.1620, 11.7521, 104.2209



132.5390, -20.4787, 81.9653



104.8590, 0.5625, 6.2627



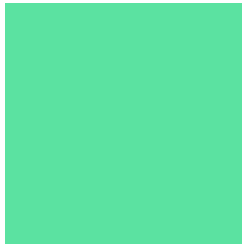
62.3140, 11.1842, 99.7026



16.9740, 2.9708, 27.2098

Previews

White Background



This preview shows how the YUV color 178.2250, -8.4919, -76.4963 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 178.2250, -8.4919, -76.4963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

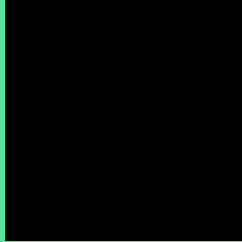
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.2250, -8.4919, -76.4963

Background



This preview shows how black text looks on a background with the YUV color 178.2250, -8.4919, -76.4963.



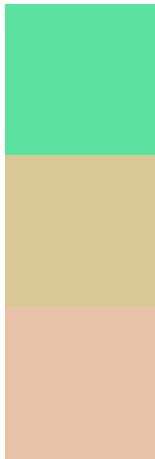
This preview shows how white text looks on a background with the YUV color 178.2250, -8.4919, -76.4963.

-76.4963.

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

178.2250, -8.4919, -76.4963

Protanopia

198.6710, -24.4878, 14.3205

Deuteranopia

201.5120, -16.5214, 25.8610



Tritanopia

188.4400, 22.4611, -64.4069

Trichromacy



Original Color

178.2250, -8.4919, -76.4963



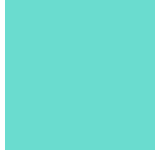
Protanomaly

190.9550, -18.7118, -18.3775



Deuteranomaly

192.9650, -13.7867, -11.3703



Tritanomaly

184.4320, 11.1260, -68.7849

Monochromacy



Original Color

178.2250, -8.4919, -76.4963



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.7270, -2.8234, -27.8246

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2250, -8.4919, -76.4963 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(91, 226, 161)` looks like.

```
.text, #text, p{  
    color:rgb(91, 226, 161)  
}
```

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(91, 226, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 226, 161) }
```

Border

The CSS property to change the border of an element to YUV 178.2250, -8.4919, -76.4963 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(91, 226, 161) }
```


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

```
.border{ border-color:rgb(91, 226, 161) }
```

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

Here you see how a box with a 4 pixel rgb(91, 226, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 226, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 226, 161);  
box-shadow:4px 4px 4px 4px rgb(91, 226,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 178.2250, -8.4919, -76.4963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 226, 161) }
```

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

```
.background{ background-color: rgb(91, 226,  
161) }
```

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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