

Converting Colors

YUV(180.6530, -4.2659,
-78.6257)

Have a look what the booklet for
YUV(180.6530, -4.2659, -78.6257)
contains.

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Color

**YUV(180.6530, -4.2659,
-78.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE4AC
RGB	91, 228, 172
RGB Percent	36%, 89%, 67%
CMY	0.6431, 0.1059, 0.3255
CMYK	0.60, 0.00, 0.25, 0.11
HSL	155°, 72%, 63%
HSV	155°, 60%, 89%
XYZ	39.5042, 60.6895, 48.6619
YIQ	180.6530, -63.6760, -46.4600

Conversions

Conversions Part 2

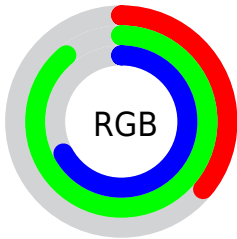
Format	Color
RYB	91, 177, 228
Decimal	6022316
CIELab	82.21, -50.19, 16.42
CIELCh	82, 52.803, 161.884
Yxy	60.6895, 0.2654, 0.4077
Android (android.graphics.Color)	4284212396 (0xFF5BE4AC)
YUV	180.6530, -4.2659, -78.6257
Hunter-Lab	77.9035, -45.8153, 17.4973

Details

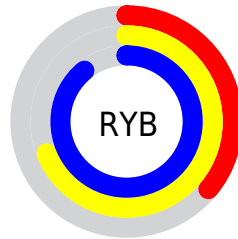
The YUV color **180.6530, -4.2659, -78.6257** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **138.3470, 4.2659, 78.6257**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.0110, 2.9526, -60.5226**, and **114.6440, 2.6405, -100.5428** is the 20% darker color. If you saturate the color by 10%, you get **172.7500, -4.8067, -91.8657**, and if you desaturate by 10%, it is **188.5560, -3.7251, -65.3856**.

Distribution



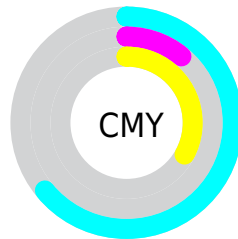
- Red (36%)
- Green (89%)
- Blue (67%)



- Red (36%)
- Yellow (69%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.6530, -4.2659, -78.6257 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 180.6530, -4.2659, -78.6257 by changing the saturation by 10% instead.

 180.6530, -4.2659,
-78.6257


 180.6530, -4.2659,
-78.6257


255.0000, 0.0000,
0.0000

 150.3860, -2.6553,
-81.8995


 221.0110, 2.9526,
-60.5226


 114.6440, 2.6405,
-100.5428


 233.1730, 10.7607,
-44.8787


 95.3580, -0.1765,
-83.6290

 242.1430, 6.3385,
-26.4354

 77.3600, -3.1355,
-67.8447

 251.4120, 1.7689,
-7.3773

 59.4760, -5.6577,
-52.1605

 42.4070, -7.5957,
-37.1909

 26.6430, -12.1490,

-23.3659

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 180.6530, -4.2659,
-78.6257

■ 180.6530, -4.2659,
-78.6257

■ 172.7500, -4.8067,
-91.8657

■ 188.5560, -3.7251,
-65.3856

■ 164.7330, -5.7844,
-105.0058

■ 196.5730, -2.7475,
-52.2455

■ 157.1290, -6.4726,
-117.6311

■ 204.1770, -2.0593,
-39.6202

■ 149.2260, -7.0134,
-130.8712

■ 212.0800, -1.5184,
-26.3802

■ 220.0970, -0.5408,
-13.2401

■ 228.0000, 0.0000,
0.0000

■ 235.9030, 0.5408,
13.2401

■ 238.2390, 4.3192,
14.6994

■ 239.1510, 7.8136,
13.8996

Harmonies

Analogous

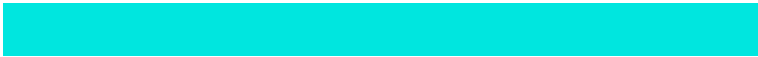
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192.4580, -31.7778, -27.5887



180.6530, -4.2659, -78.6257



160.4320, 30.8460, -140.6989

Triad

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



180.6530, -4.2659, -78.6257



196.0710, 29.0520, -31.6343



194.4570, -26.3543, 53.0962

Complementary

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



180.6530, -4.2659, -78.6257



138.3470, 4.2659, 78.6257

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.



193.7170, -3.8045, 53.7452



180.6530, -4.2659, -78.6257



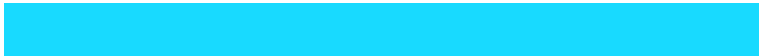
207.3430, 23.4949, 24.2552

Square

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



180.6530, -4.2659, -78.6257



164.2120, 44.7585, -122.9659



201.8790, 17.3147, 46.5871



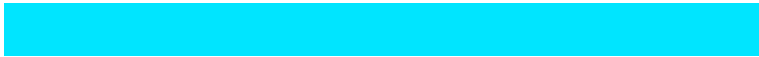
200.9020, -44.8147, 47.4439

Rectangle

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



180.6530, -4.2659, -78.6257



163.4930, 45.1130, -143.3834



201.8790, 17.3147, 46.5871



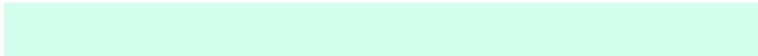
193.1180, -18.7922, 54.2705

Sweetspot

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



180.6530, -4.2659, -78.6257



239.0800, -1.5184, -26.3802



188.4620, -48.0488, -35.4852



117.9610, -0.9668, -16.6288



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.



180.6530, -4.2659, -78.6257



191.4340, -5.6370, -105.6206



180.5800, 23.3781, -78.5617



110.8420, -0.4151, -6.8774



117.1570, -5.5004, -102.7467



33.3570, -1.6550, -29.2541

Inverse Universe

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



138.3470, 4.2659, 78.6257



134.5660, 5.6370, 105.6206



138.4200, -23.3781, 78.5617



107.1580, 0.4151, 6.8774



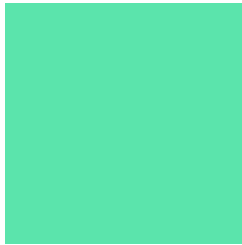
61.8430, 5.5004, 102.7467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 180.6530, -4.2659, -78.6257 looks on a white background.

Color Contrast Check

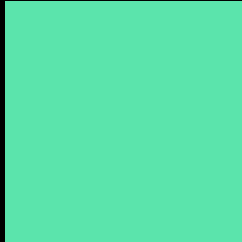
Large Text (above 18pt) WCAG AA × Fail

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 180.6530, -4.2659, -78.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

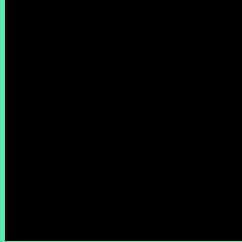
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

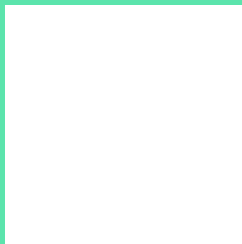
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.6530, -4.2659, -78.6257

Background



This preview shows how black text looks on a background with the YUV color 180.6530, -4.2659, -78.6257.



This preview shows how white text looks on a background with the YUV color 180.6530, -4.2659, -78.6257.

-78.6257.

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

180.6530, -4.2659, -78.6257

Protanopia

201.9850, -20.6986, 12.2912

Deuteranopia

203.9400, -12.2954, 23.7316



Tritanopia

189.3580, 23.4875, -66.9660

Trichromacy



Original Color

180.6530, -4.2659, -78.6257



Protanomaly

194.2690, -14.9226, -20.4069



Deuteranomaly

195.3930, -9.5607, -13.4997



Tritanomaly

185.9910, 13.3154, -71.0291

Monochromacy



Original Color

180.6530, -4.2659, -78.6257



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.7700, -1.3656, -28.7393

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.6530, -4.2659, -78.6257 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, 228, 172)` looks like.

```
.text, #text, p{  
    color:rgb(91, 228, 172)  
}
```

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, 228, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 228, 172) }
```

Border

The CSS property to change the border of an element to YUV 180.6530, -4.2659, -78.6257 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, 228, 172) }
```


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

```
.border{ border-color:rgb(91, 228, 172) }
```

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

Here you see how a box with a 4 pixel rgb(91, 228, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 228, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 228, 172);  
box-shadow:4px 4px 4px 4px rgb(91, 228,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 180.6530, -4.2659, -78.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 228, 172) }
```

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

```
.background{ background-color: rgb(91, 228,  
172) }
```

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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