

Converting Colors

YUV(180.3570, 4.7540,
-78.3661)

Have a look what the booklet for
YUV(180.3570, 4.7540, -78.3661)
contains.

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Color

**YUV(180.3570, 4.7540,
-78.3661)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE0BE
RGB	91, 224, 190
RGB Percent	36%, 88%, 75%
CMY	0.6431, 0.1216, 0.2549
CMYK	0.59, 0.00, 0.15, 0.12
HSL	165°, 68%, 62%
HSV	165°, 59%, 88%
XYZ	40.2643, 59.2532, 58.0301
YIQ	180.3570, -68.3540, -38.7700

Conversions

Conversions Part 2

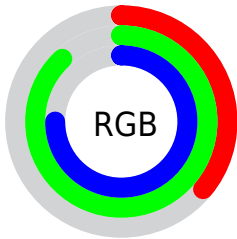
Format	Color
R _Y B	91, 167, 224
Decimal	6021310
CIE Lab	81.43, -44.44, 5.83
CIE LCh	81, 44.822, 172.527
Yxy	59.2532, 0.2556, 0.3761
Android (android.graphics.Color)	4284211390 (0xFF5BE0BE)
YUV	180.3570, 4.7540, -78.3661
Hunter-Lab	76.9761, -41.3391, 9.1862

Details

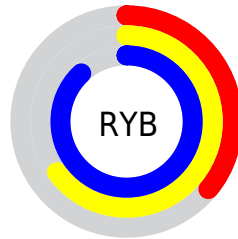
The YUV color **180.3570, 4.7540, -78.3661** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **134.6430, -4.7540, 78.3661**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1770, 11.2517, -62.4222**, and **114.2340, 11.2236, -100.1832** is the 20% darker color. If you saturate the color by 10%, you get **173.0950, 5.3762, -91.2913**, and if you desaturate by 10%, it is **187.6190, 4.1318, -65.4409**.

Distribution



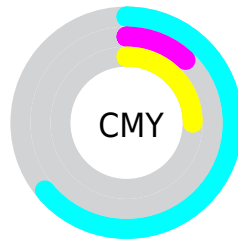
- Red (36%)
- Green (88%)
- Blue (75%)



- Red (36%)
- Yellow (65%)
- Blue (88%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (64%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3570, 4.7540, -78.3661 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 180.3570, 4.7540, -78.3661 by changing the saturation by 10% instead.

180.3570, 4.7540,
-78.3661

180.3570, 4.7540,
-78.3661

255.0000, 0.0000,
0.0000

150.6770, 6.0752,
-82.1547

223.1770, 11.2517,
-62.4222

114.2340, 11.2236,
-100.1832

233.1730, 10.7607,
-44.8787

95.4210, 7.6804,
-83.6842

242.1430, 6.3385,
-26.4354

77.4230, 4.7215,
-67.9000

251.1130, 1.9163,
-7.9921

59.5390, 2.1993,
-52.2157

42.9430, -0.4649,
-37.6610

27.6350, -3.2711,

-24.2359

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 180.3570, 4.7540,
-78.3661

■ 180.3570, 4.7540,
-78.3661

■ 173.0950, 5.3762,
-91.2913

■ 187.6190, 4.1318,
-65.4409

■ 165.6480, 6.5825,
-104.9313

■ 195.0660, 2.9255,
-51.8009

■ 158.3860, 7.2047,
-117.8565

■ 202.3280, 2.3033,
-38.8757

■ 150.8250, 7.9743,
-131.3965

■ 209.8890, 1.5337,
-25.3357

■ 150.5260, 8.1217,
-132.0113

■ 217.1510, 0.9116,
-12.4104

■ 224.2990, -0.1474,
0.6148

■ 231.8600, -0.9170,
14.1548

■ 234.6370, 0.6720,
17.8584

■ 235.3210, 3.2927,
17.2585

Harmonies

Analogous

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



190.2040, -19.8206, -36.1359



180.3570, 4.7540, -78.3661



158.0500, 36.9503, -138.6099

Triad

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



180.3570, 4.7540, -78.3661



200.9430, 26.6501, -7.8430



198.6970, -30.4166, 49.3777

Complementary

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



180.3570, 4.7540, -78.3661



134.6430, -4.7540, 78.3661

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.



196.2300, -11.9454, 51.5413



180.3570, 4.7540, -78.3661



207.8710, 22.7416, 32.5621

Square

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



180.3570, 4.7540, -78.3661



188.2200, 32.9225, -59.8289



200.5450, 7.1263, 47.7570



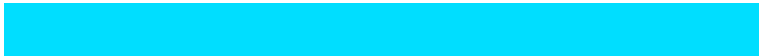
200.0790, -39.9719, 34.1337

Rectangle

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



180.3570, 4.7540, -78.3661



159.3840, 47.1387, -139.7798



200.5450, 7.1263, 47.7570



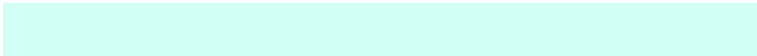
197.0160, -24.1649, 50.8520

Sweetspot

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



180.3570, 4.7540, -78.3661



239.8780, 1.5391, -27.0800



179.5360, -43.6482, -46.9511



118.4170, 0.7804, -17.0287



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.



180.3570, 4.7540, -78.3661



195.6370, 6.5880, -106.6756



166.0360, 28.5763, -65.8066



108.3690, 0.3111, -6.4626



118.2460, 6.2877, -103.7017



32.2800, 1.8340, -28.3096

Inverse Universe

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



134.6430, -4.7540, 78.3661



133.3630, -6.5880, 106.6756



148.9640, -28.5763, 65.8066



104.6310, -0.3111, 6.4626



57.7540, -6.2877, 103.7017



15.7200, -1.8340, 28.3096

Previews

White Background



This preview shows how the YUV color 180.3570, 4.7540, -78.3661 looks on a white background.

Color Contrast Check

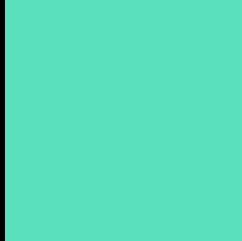
Large Text (above 18pt) WCAG AA × Fail

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 180.3570, 4.7540, -78.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

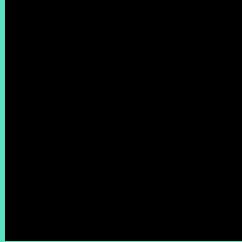
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

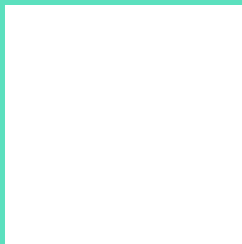
Any Text WCAG AAA ✓ Pass

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

YUV 180.3570, 4.7540, -78.3661 Background



This preview shows how black text looks on a background with the YUV color 180.3570, 4.7540, -78.3661.



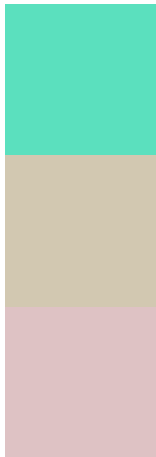
This preview shows how white text looks on a background with the YUV color 180.3570, 4.7540,

-78.3661.

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

180.3570, 4.7540, -78.3661

Protanopia

200.3680, -11.5204, 8.4473

Deuteranopia

202.6000, -3.2538, 17.0138



Tritanopia

187.0480, 23.6403, -69.3251

Trichromacy



Original Color

180.3570, 4.7540, -78.3661



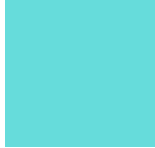
Protanomaly

193.3640, -5.6025, -23.1212



Deuteranomaly

194.4770, -0.2352, -17.9583



Tritanomaly

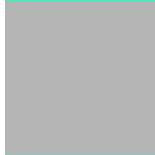
184.6040, 16.9572, -72.4437

Monochromacy



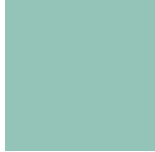
Original Color

180.3570, 4.7540, -78.3661



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.2800, 1.8340, -28.3096

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3570, 4.7540, -78.3661 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, 224, 190)` looks like.

```
.text, #text, p{  
    color:rgb(91, 224, 190)  
}
```

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, 224, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 224, 190) }
```

Border

The CSS property to change the border of an element to YUV 180.3570, 4.7540, -78.3661 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, 224, 190) }
```


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

```
.border{ border-color:rgb(91, 224, 190) }
```

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

Here you see how a box with a 4 pixel rgb(91, 224, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 224, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 224, 190);  
box-shadow:4px 4px 4px 4px rgb(91, 224,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 180.3570, 4.7540, -78.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 224, 190) }
```

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

```
.background{ background-color: rgb(91, 224,  
190) }
```

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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