

Converting Colors

YUV(180.8720, -9.7969,
-77.9407)

Have a look what the booklet for
YUV(180.8720, -9.7969, -77.9407)
contains.

YUV(180.8720, -9.7969, -77.9407)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.8720, -9.7969,
-77.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	5CE6A1
RGB	92, 230, 161
RGB Percent	36%, 90%, 63%
CMY	0.6392, 0.0980, 0.3686
CMYK	0.60, 0.00, 0.30, 0.10
HSL	150°, 73%, 63%
HSV	150°, 60%, 90%
XYZ	39.1435, 61.4421, 43.5147
YIQ	180.8720, -60.0990, -50.7150

Conversions

Conversions Part 2

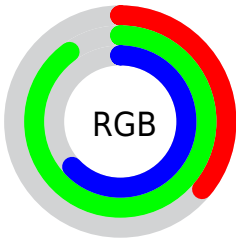
Format	Color
RYB	92, 184, 230
Decimal	6088353
CIELab	82.62, -53.07, 22.71
CIELCh	83, 57.723, 156.832
Yxy	61.4421, 0.2716, 0.4264
Android (android.graphics.Color)	4284278433 (0xFF5CE6A1)
YUV	180.8720, -9.7969, -77.9407
Hunter-Lab	78.3850, -48.0355, 21.9553

Details

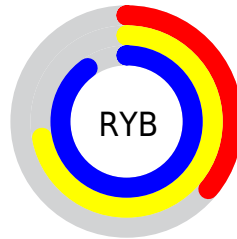
The YUV color **180.8720, -9.7969, -77.9407** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **141.1280, 9.7969, 77.9407**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0560, -1.9996, -58.8081**, and **113.9770, -2.4537, -99.9578** is the 20% darker color. If you saturate the color by 10%, you get **172.7410, -11.2113, -90.9809**, and if you desaturate by 10%, it is **189.1170, -7.9457, -65.0006**.

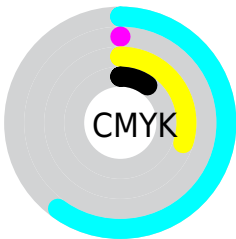
Distribution



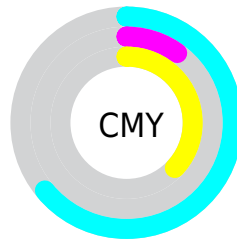
- Red (36%)
- Green (90%)
- Blue (63%)



- Red (36%)
- Yellow (72%)
- Blue (90%)



- Cyan (60%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (64%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8720, -9.7969, -77.9407 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 180.8720, -9.7969, -77.9407 by changing the saturation by 10% instead.

 180.8720, -9.7969,
-77.9407


 180.8720, -9.7969,
-77.9407


255.0000, 0.0000,
0.0000

 150.7190, -7.7495,
-81.3146


 220.0560, -1.9996,
-58.8081


 113.9770, -2.4537,
-99.9578


 232.3320, 6.2453,
-43.2642


 95.2780, -5.5601,
-83.5588

 242.4420, 6.1911,
-25.8206

 77.3940, -8.0822,
-67.8745

 251.4120, 1.7689,
-7.3773

 59.5100, -10.6044,
-52.1903

 42.3270, -12.9792,
-37.1208

 27.0020, -13.3120,

-23.6808

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 180.8720, -9.7969,
-77.9407

■ 180.8720, -9.7969,
-77.9407

■ 172.7410,
-11.2113, -90.9809

■ 189.1170, -7.9457,
-65.0006

■ 164.4960,
-13.0625, -103.9210

■ 197.2480, -6.5313,
-51.9605


■ 156.3650,
-14.4769, -116.9611

■ 205.3790, -5.1168,
-38.9204

■ 148.1200,
-16.3282, -129.9012


■ 213.6240, -3.2656,
-25.9802

 221.8690, -1.4144,
-13.0401

 230.0000, 0.0000,
0.0000

 238.2450, 1.8512,
12.9401

 240.0970, 6.3612,
13.0699

 240.3250, 7.2348,
12.8700

Harmonies

Analogous

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



193.0690, -38.4880, -21.9855



180.8720, -9.7969, -77.9407



161.5090, 27.3571, -141.6434

Triad

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



180.8720, -9.7969, -77.9407



190.9440, 31.5796, -49.0629



191.7500, -24.0337, 55.4703

Complementary

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



180.8720, -9.7969, -77.9407



141.1280, 9.7969, 77.9407

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.



192.3950, 1.2843, 54.9046



180.8720, -9.7969, -77.9407



206.4130, 23.9534, 17.1778

Square

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



180.8720, -9.7969, -77.9407



159.9710, 46.8493, -140.2946



202.6600, 22.8456, 45.9022



198.6850, -45.6937, 49.3883

Rectangle

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



180.8720, -9.7969, -77.9407



165.6130, 43.0818, -145.2426



202.6600, 22.8456, 45.9022



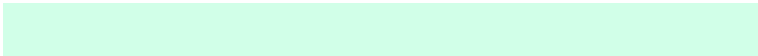
190.7530, -15.1612, 56.3446

Sweetspot

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



180.8720, -9.7969, -77.9407



238.6240, -3.2656, -25.9802



193.6370, -50.1070, -28.6226



117.6190, -2.2772, -16.3289



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.



180.8720, -9.7969, -77.9407



189.4960, -13.0625, -103.9210



188.7380, 20.3422, -84.8392



110.7280, -0.8519, -6.7775



115.2190, -12.9260, -101.0471



32.9010, -3.4022, -28.8542

Inverse Universe

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



141.1280, 9.7969, 77.9407



136.5040, 13.0625, 103.9210



133.2620, -20.3422, 84.8392



107.2720, 0.8519, 6.7775



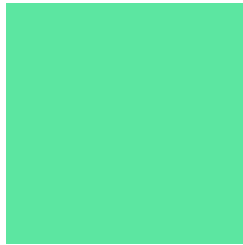
63.6670, 12.4892, 101.1470



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 180.8720, -9.7969, -77.9407 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 180.8720, -9.7969, -77.9407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

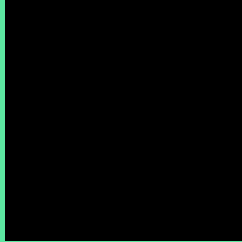
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.8720, -9.7969, -77.9407

Background



This preview shows how black text looks on a background with the YUV color 180.8720, -9.7969, -77.9407.



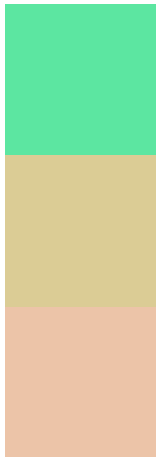
This preview shows how white text looks on a background with the YUV color 180.8720, -9.7969, -77.9407.

-77.9407.

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

180.8720, -9.7969, -77.9407

Protanopia

202.2150, -26.2350, 14.7204

Deuteranopia

204.7680, -18.1266, 27.3905



Tritanopia

191.2550, 23.0453, -65.1216

Trichromacy



Original Color

180.8720, -9.7969, -77.9407



Protanomaly

194.2000, -20.3116, -18.5924



Deuteranomaly

195.9220, -15.2445, -10.4556



Tritanomaly

187.7200, 10.9840, -69.9144

Monochromacy



Original Color

180.8720, -9.7969, -77.9407



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.2000, -3.5496, -28.2394

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8720, -9.7969, -77.9407 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(92, 230, 161)` looks like.

```
.text, #text, p{  
    color:rgb(92, 230, 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(92, 230, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 230, 161) }
```

Border

The CSS property to change the border of an element to YUV 180.8720, -9.7969, -77.9407 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(92, 230, 161) }
```


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

```
.border{ border-color:rgb(92, 230, 161) }
```

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

Here you see how a box with a 4 pixel rgb(92, 230, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 230, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 230, 161);  
box-shadow:4px 4px 4px 4px rgb(92, 230,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 180.8720, -9.7969, -77.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 230, 161) }
```

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

```
.background{ background-color: rgb(92, 230,  
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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