

Converting Colors

YUV(220.8120, 1.5717,
-37.5461)

Have a look what the booklet for
YUV(220.8120, 1.5717, -37.5461)
contains.

YUV(220.8120, 1.5717, -37.5461)	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(220.8120, 1.5717,
-37.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	B2F2E0
RGB	178, 242, 224
RGB Percent	70%, 95%, 88%
CMY	0.3020, 0.0510, 0.1216
CMYK	0.26, 0.00, 0.07, 0.05
HSL	163°, 71%, 82%
HSV	163°, 26%, 95%
XYZ	63.5668, 78.3511, 82.2940
YIQ	220.8120, -32.3660, -19.1660

Conversions

Conversions Part 2

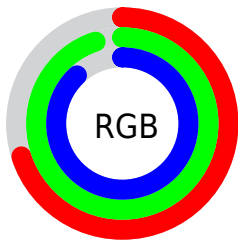
Format	Color
RYB	178, 215, 242
Decimal	11727584
CIELab	90.94, -23.69, 2.20
CIELCh	91, 23.795, 174.696
Yxy	78.3511, 0.2835, 0.3495
Android (android.graphics.Color)	4289917664 (0xFFB2F2E0)
YUV	220.8120, 1.5717, -37.5461
Hunter-Lab	88.5161, -26.7156, 6.8390

Details

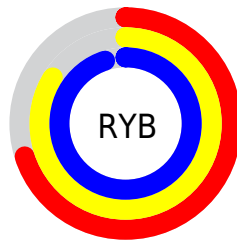
The YUV color **220.8120, 1.5717, -37.5461** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **199.1880, -1.5717, 37.5461**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.0200, 2.9481, -12.2955**, and **165.5240, 1.7137, -36.4165** is the 20% darker color. If you saturate the color by 10%, you get **212.8380, 2.0519, -51.6009**, and if you desaturate by 10%, it is **228.7860, 1.0915, -23.4913**.

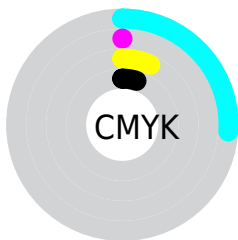
Distribution



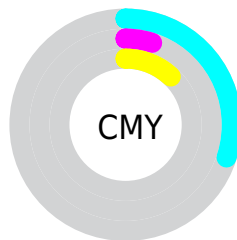
- Red (70%)
- Green (95%)
- Blue (88%)



- Red (70%)
- Yellow (84%)
- Blue (95%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (30%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.8120, 1.5717, -37.5461 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 220.8120, 1.5717, -37.5461 by changing the saturation by 10% instead.

■ 220.8120, 1.5717,
-37.5461

■ 220.8120, 1.5717,
-37.5461

255.0000, 0.0000,
0.0000

■ 192.8120, 1.5717,
-37.5461

■ 249.0200, 2.9481,
-12.2955

■ 165.5240, 1.7137,
-36.4165

■ 138.5240, 1.7137,
-36.4165

■ 112.0510, 2.4399,
-36.0017

■ 87.0510, 2.4399,
-36.0017

■ 61.0830, 3.9031,
-38.6608

■ 39.9910, 3.4554,

-35.0721

■ 24.6830, 0.6493,
-21.6470

■ 3.5220, -1.7363,
-3.0888

■ 220.8120, 1.5717,
-37.5461

■ 220.8120, 1.5717,
-37.5461

■ 212.8380, 2.0519,
-51.6009

■ 228.7860, 1.0915,
-23.4913

■ 204.8640, 2.5320,
-65.6557

■ 236.7600, 0.6113,
-9.4365

■ 196.7050, 3.5964,
-80.4253

■ 244.9190, -0.4531,
5.3330

■ 188.7310, 4.0766,
-94.4801

■ 246.9130, 2.0149,
7.0923

■ 180.7570, 4.5568,
-108.5349

■ 247.3690, 3.7621,
6.6924

■ 172.7830, 5.0370,
-122.5897

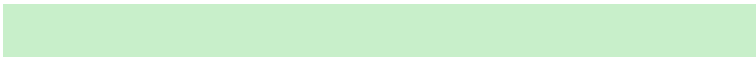
■ 164.8090, 5.5172,
-136.6445

■ 161.8900, 5.9702,
-141.9775

Harmonies

Analogous

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



223.1210, -10.4127, -20.2771



220.8120, 1.5717, -37.5461



220.1450, 13.2395, -46.6082

Triad

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



220.8120, 1.5717, -37.5461



229.3170, 12.6617, -1.1550



226.8000, -16.6634, 24.7314

Complementary

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



220.8120, 1.5717, -37.5461



199.1880, -1.5717, 37.5461

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.



225.9170, -7.3541, 25.5058



220.8120, 1.5717, -37.5461



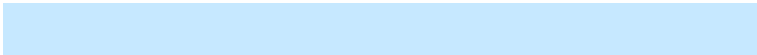
232.6940, 10.9969, 19.5624

Square

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



220.8120, 1.5717, -37.5461



224.4560, 15.0582, -23.2019



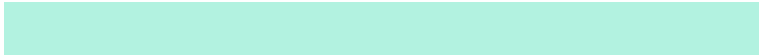
227.9520, 2.9817, 23.7211



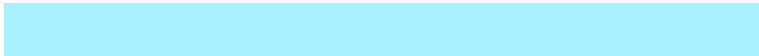
228.6870, -22.0307, 19.5685

Rectangle

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



220.8120, 1.5717, -37.5461



220.7800, 16.8705, -44.5341



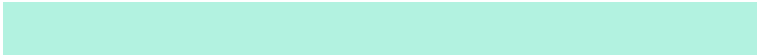
227.9520, 2.9817, 23.7211



226.1960, -13.9006, 25.2611

Sweetspot

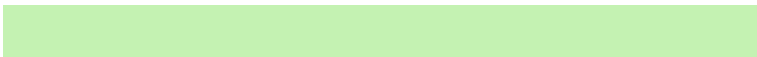
The Sweet Spot groups the original color and five complimentary colors.



220.8120, 1.5717, -37.5461



248.3360, 0.3274, -11.6957



220.9500, -21.1744, -21.8812



123.6570, 0.1691, -7.5922



0.0000, 0.0000, 0.0000



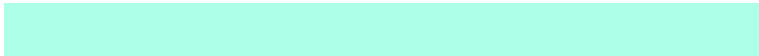
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.8120, 1.5717, -37.5461



227.8600, 2.0410, -48.1122



214.6460, 13.4855, -32.1385



115.9560, 0.0217, -6.9774



123.0560, 4.4094, -107.9201



37.4320, 1.2660, -32.8279

Inverse Universe

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



199.1880, -1.5717, 37.5461



200.1400, -2.0410, 48.1122



205.3540, -13.4855, 32.1385



111.9300, -0.4585, 7.0774



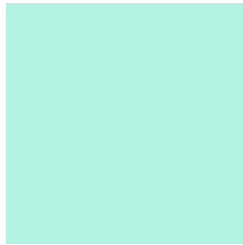
60.9440, -4.4094, 107.9201



18.5680, -1.2660, 32.8279

Previews

White Background



This preview shows how the YUV color 220.8120, 1.5717, -37.5461 looks on a white background.

Color Contrast Check

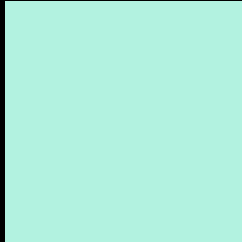
Large Text (above 18pt) WCAG AA × Fail

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 220.8120, 1.5717, -37.5461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

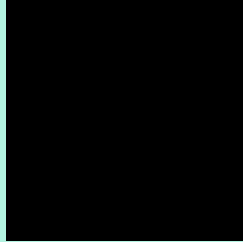
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

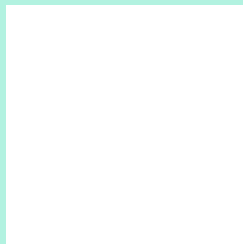
Any Text WCAG AAA ✓ Pass

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

YUV 220.8120, 1.5717, -37.5461 Background



This preview shows how black text looks on a background with the YUV color 220.8120, 1.5717, -37.5461.



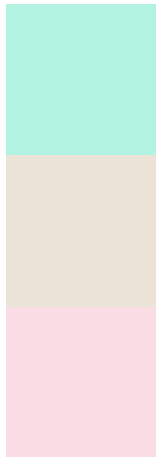
This preview shows how white text looks on a background with the YUV color 220.8120, 1.5717, -37.5461.

-37.5461.

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

220.8120, 1.5717, -37.5461

Protanopia

228.1380, -5.9840, 6.0180

Deuteranopia

230.4690, -1.2172, 17.1287



Tritanopia

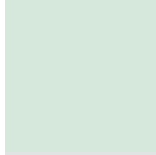
224.1020, 15.2327, -32.5385

Trichromacy



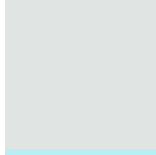
Original Color

220.8120, 1.5717, -37.5461



Protanomaly

225.1360, -3.0250, -9.7663



Deuteranomaly

227.2770, -0.1366, -2.8739



Tritanomaly

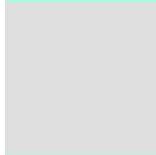
223.1250, 10.2914, -34.3126

Monochromacy



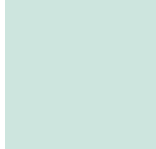
Original Color

220.8120, 1.5717, -37.5461



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.0260, 0.4802, -14.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.8120, 1.5717, -37.5461 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(178, 242, 224)` looks like.

```
.text, #text, p{  
    color:rgb(178, 242, 224)  
}
```

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(178, 242, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 242, 224) }
```

Border

The CSS property to change the border of an element to YUV 220.8120, 1.5717, -37.5461 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(178, 242, 224) }
```


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

```
.border{ border-color:rgb(178, 242, 224) }
```

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

Here you see how a box with a 4 pixel rgb(178, 242, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 242, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 242, 224);  
box-shadow:4px 4px 4px 4px rgb(178, 242,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 220.8120, 1.5717, -37.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 242, 224) }
```

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

```
.background{ background-color: rgb(178,  
242, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor