

Converting Colors

YUV(223.9220, 1.5175,
-20.1026)

Have a look what the booklet for
YUV(223.9220, 1.5175, -20.1026)
contains.

YUV(223.9220, 1.5175, -20.1026)	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(223.9220, 1.5175,
-20.1026)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EBE3
RGB	201, 235, 227
RGB Percent	79%, 92%, 89%
CMY	0.2118, 0.0784, 0.1098
CMYK	0.14, 0.00, 0.03, 0.08
HSL	166°, 46%, 85%
HSV	166°, 14%, 92%
XYZ	67.6609, 77.3802, 84.0428
YIQ	223.9220, -17.6960, -9.6960

Conversions

Conversions Part 2

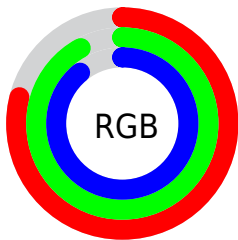
Format	Color
R_{YB}	201, 220, 235
Decimal	13233123
CIE _{Lab}	90.50, -12.59, 0.15
CIE _{LCh}	90, 12.590, 179.302
Yxy	77.3802, 0.2954, 0.3378
Android (android.graphics.Color)	4291423203 (0xFFC9EBE3)
YUV	223.9220, 1.5175, -20.1026
Hunter-Lab	87.9660, -16.6437, 4.9305

Details

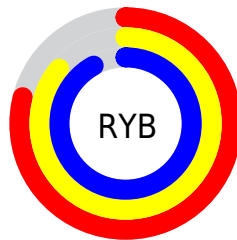
The YUV color $223.9220, 1.5175, -20.1026$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $212.0780, -1.5175, 20.1026$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $168.6340, 1.6594, -18.9730$ is the 20% darker color. If you saturate the color by 10%, you get $216.3610, 2.2870, -33.6426$, and if you desaturate by 10%, it is $231.7820, 0.6005, -5.9478$.

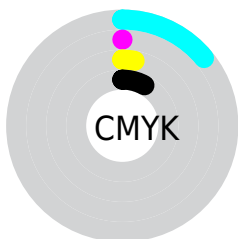
Distribution



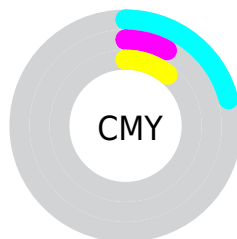
- Red (79%)
- Green (92%)
- Blue (89%)



- Red (79%)
- Yellow (86%)
- Blue (92%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (21%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.9220, 1.5175, -20.1026 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 223.9220, 1.5175, -20.1026 by changing the saturation by 10% instead.

■ 223.9220, 1.5175,
-20.1026

■ 223.9220, 1.5175,
-20.1026

255.0000, 0.0000,
0.0000

■ 195.9220, 1.5175,
-20.1026

■ 168.6340, 1.6594,
-18.9730

■ 141.9330, 1.5120,
-18.3582

■ 116.0470, 1.9488,
-18.4582

■ 91.3460, 1.8014,
-17.8434

■ 67.6450, 1.6540,
-17.2287

■ 45.0580, 1.9434,

-16.7139

■ 23.7590, 2.0908,
-17.3286

■ 1.8750, -0.4314,
-1.6444

■ 223.9220, 1.5175,
-20.1026

■ 223.9220, 1.5175,
-20.1026

■ 216.3610, 2.2870,
-33.6426

■ 231.7820, 0.6005,
-5.9478

■ 208.6150, 3.6408,
-47.8974

■ 239.2290, -0.6059,
7.6922

■ 201.0540, 4.4104,
-61.4374

■ 242.0060, 0.9830,
11.3957

■ 193.3080, 5.7642,
-75.6921

■ 242.5760, 3.1670,
10.8958

■ 185.7470, 6.5337,
-89.2321

■ 243.2600, 5.7878,
10.2960

■ 178.0010, 7.8875,
-103.4869

■ 170.4400, 8.6571,
-117.0269

■ 162.6940, 10.0109,
-131.2816

■ 158.4650, 10.6168,
-138.9738

Harmonies

Analogous

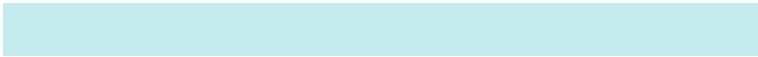
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.9570, -4.9088, -12.2403



223.9220, 1.5175, -20.1026



224.3930, 7.2013, -23.1467

Triad

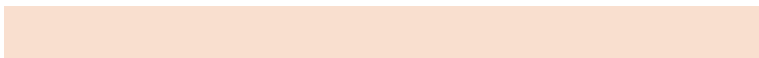
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.9220, 1.5175, -20.1026



229.2310, 9.7461, 0.6744



228.9500, -10.8213, 17.5839

Complementary

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



223.9220, 1.5175, -20.1026



212.0780, -1.5175, 20.1026

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.



229.7100, -6.7590, 21.3023



223.9220, 1.5175, -20.1026



230.0430, 4.9088, 12.2403

Square

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



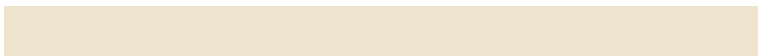
223.9220, 1.5175, -20.1026



227.4360, 12.1101, -10.9064



230.4800, -1.2226, 18.8730



227.6670, -11.6678, 9.0620

Rectangle

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



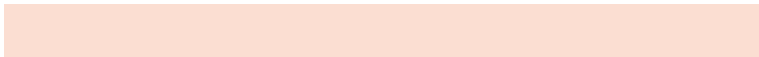
223.9220, 1.5175, -20.1026



224.6150, 10.5428, -21.5874



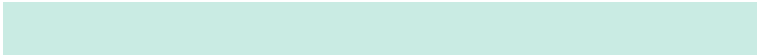
230.4800, -1.2226, 18.8730



229.3030, -9.5164, 19.0283

Sweetspot

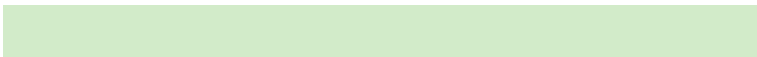
The Sweet Spot groups the original color and five complimentary colors.



223.9220, 1.5175, -20.1026



251.7820, 0.6005, -5.9478



223.6490, -11.1660, -11.9702



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



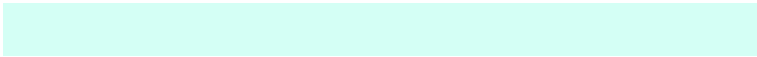
128.0000, 0.0000, 0.0000

Same Dimension

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



223.9220, 1.5175, -20.1026



241.0030, 1.9705, -25.4356



220.1380, 7.3270, -16.7840



113.4830, 0.7479, -6.5626



121.9790, 7.8984, -106.9756



36.3720, 2.2816, -31.8982

Inverse Universe

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



212.0780, -1.5175, 20.1026



225.9970, -1.9705, 25.4356



216.4490, -7.6164, 16.2692



109.5170, -0.7479, 6.5626



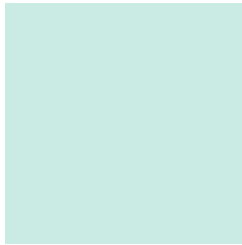
59.0210, -7.8984, 106.9756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 223.9220, 1.5175, -20.1026 looks on a white background.

Color Contrast Check

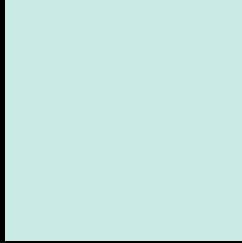
Large Text (above 18pt) WCAG AA × Fail

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 223.9220, 1.5175, -20.1026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

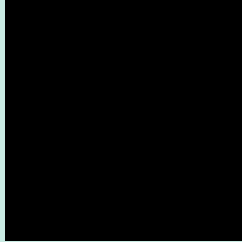
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

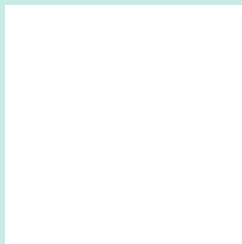
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 223.9220, 1.5175, -20.1026

Background



This preview shows how black text looks on a background with the YUV color 223.9220, 1.5175, -20.1026.



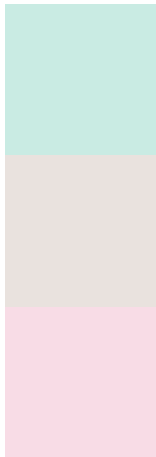
This preview shows how white text looks on a background with the YUV color 223.9220, 1.5175,

-20.1026.

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

223.9220, 1.5175, -20.1026

Protanopia

227.6370, -2.7790, 4.7034

Deuteranopia

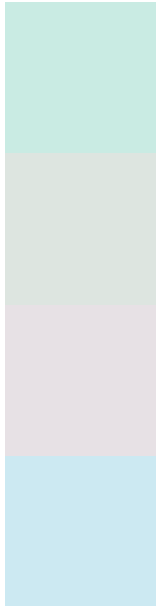
229.5120, 0.2406, 16.2140



Tritanopia

225.9790, 11.8424, -18.3986

Trichromacy



Original Color

223.9220, 1.5175, -20.1026

Protanomaly

226.0380, -1.0047, -4.4183

Deuteranomaly

227.2500, 0.8628, 3.2887

Tritanomaly

225.3550, 8.2060, -18.7283

Monochromacy



Original Color

223.9220, 1.5175, -20.1026

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.0700, 0.4585, -7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.9220, 1.5175, -20.1026 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(201, 235, 227)` looks like.

```
.text, #text, p{  
    color:rgb(201, 235, 227)  
}
```

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(201, 235, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 235, 227) }
```

Border

The CSS property to change the border of an element to YUV 223.9220, 1.5175, -20.1026 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(201, 235, 227) }
```


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

```
.border{ border-color:rgb(201, 235, 227) }
```

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

Here you see how a box with a 4 pixel rgb(201, 235, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 235, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 235, 227);  
box-shadow:4px 4px 4px 4px rgb(201, 235,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 223.9220, 1.5175, -20.1026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 235, 227) }
```

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

```
.background{ background-color: rgb(201,  
235, 227) }
```

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