

Converting Colors

YUV(220.1590, 8.7956,
-21.1874)

Have a look what the booklet for
YUV(220.1590, 8.7956, -21.1874)
contains.

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Color

**YUV(220.1590, 8.7956,
-21.1874)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E5EE
RGB	196, 229, 238
RGB Percent	77%, 90%, 93%
CMY	0.2314, 0.1020, 0.0667
CMYK	0.18, 0.04, 0.00, 0.07
HSL	193°, 55%, 85%
HSV	193°, 18%, 93%
XYZ	66.2169, 73.9474, 91.6722
YIQ	220.1590, -22.5570, -4.1970

Conversions

Conversions Part 2

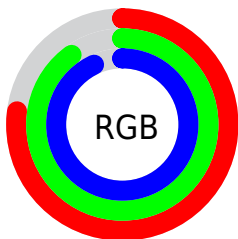
Format	Color
R _Y B	196, 214, 238
Decimal	12903918
CIE Lab	88.90, -8.90, -7.99
CIE LCh	89, 11.961, 221.941
Yxy	73.9474, 0.2856, 0.3190
Android (android.graphics.Color)	4291093998 (0xFFC4E5EE)
YUV	220.1590, 8.7956, -21.1874
Hunter-Lab	85.9927, -13.0370, -3.0110

Details

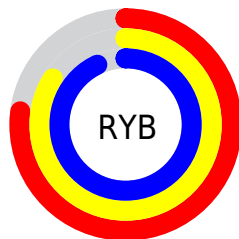
The YUV color $220.1590, 8.7956, -21.1874$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.8410, -8.7956, 21.1874$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $165.3440, 8.2114, -20.4727$ is the 20% darker color. If you saturate the color by 10%, you get $210.0480, 13.7803, -33.3681$, and if you desaturate by 10%, it is $230.2700, 3.8109, -9.0068$.

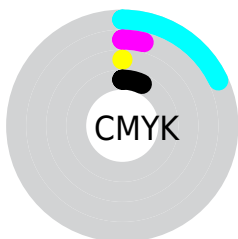
Distribution



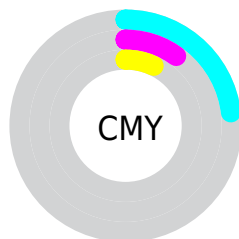
- Red (77%)
- Green (90%)
- Blue (93%)



- Red (77%)
- Yellow (84%)
- Blue (93%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (23%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.1590, 8.7956, -21.1874 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 220.1590, 8.7956, -21.1874 by changing the saturation by 10% instead.

■ 220.1590, 8.7956,
-21.1874

■ 220.1590, 8.7956,
-21.1874

255.0000, 0.0000,
0.0000

■ 192.1590, 8.7956,
-21.1874

254.4020, 0.2948,
-1.2296

■ 165.3440, 8.2114,
-20.4727

■ 138.6430, 8.0640,
-19.8579

■ 112.6430, 8.0640,
-19.8579

■ 87.9420, 7.9166,
-19.2431

■ 64.8280, 7.4798,
-19.1432

■ 41.5290, 7.6272,

-19.7579

■ 21.1270, 7.3324,
-18.5284

■ 2.1830, 5.8258,
-1.9145

■ 220.1590, 8.7956,
-21.1874

■ 220.1590, 8.7956,
-21.1874

■ 210.0480, 13.7803,
-33.3681

■ 230.2700, 3.8109,
-9.0068

■ 199.9370, 18.7651,
-45.5487

■ 240.3810, -1.1738,
3.1739

■ 190.1250, 23.6024,
-57.1146

■ 246.6050, -4.2423,
7.3624

■ 180.0140, 28.5871,
-69.2953

■ 249.5400, -5.6892,
4.7884

■ 169.3160, 33.8612,
-80.9611

■ 252.4750, -7.1362,
2.2144

■ 159.2050, 38.8459,
-93.1418

■ 253.0620, -7.4256,
1.6996

■ 149.0940, 43.8307,
-105.3224

■ 139.2820, 48.6680,
-116.8883

■ 136.9010, 49.8418,
-120.0622

Harmonies

Analogous

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



219.4920, 3.7014, -20.6025



220.1590, 8.7956, -21.1874



221.5880, 11.5421, -15.4247

Triad

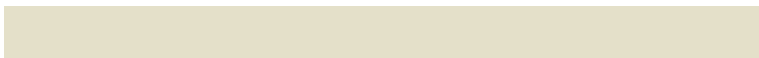
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.1590, 8.7956, -21.1874



225.4840, 2.7194, 14.4845



222.5740, -10.6360, 4.7586

Complementary

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



220.1590, 8.7956, -21.1874



213.8410, -8.7956, 21.1874

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.



223.6290, -10.6631, 13.4804



220.1590, 8.7956, -21.1874



225.9100, -3.4066, 19.3729

Square

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



220.1590, 8.7956, -21.1874



224.9820, 7.4039, 5.2778



224.9440, -8.3534, 19.3431



221.0180, -7.4039, -5.2778

Rectangle

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



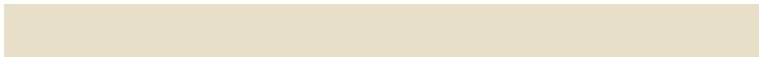
220.1590, 8.7956, -21.1874



222.9200, 11.3784, -9.5768



224.9440, -8.3534, 19.3431



223.1830, -10.9362, 7.7325

Sweetspot

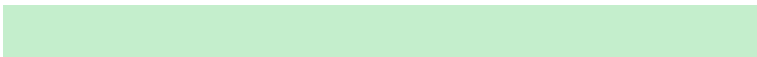
The Sweet Spot groups the original color and five complimentary colors.



220.1590, 8.7956, -21.1874



249.3520, 2.7845, -6.4477



221.5660, -8.6600, -22.4214



124.4340, 1.7580, -3.8886



0.0000, 0.0000, 0.0000



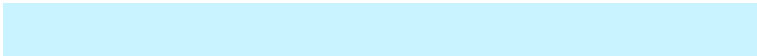
128.0000, 0.0000, 0.0000

Same Dimension

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



220.1590, 8.7956, -21.1874



232.3970, 11.1433, -27.5352



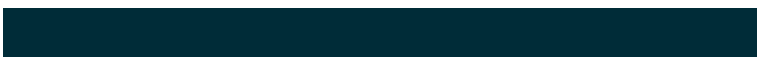
208.4190, 14.5834, -10.8915



114.6510, 2.6371, -5.8329



105.5040, 38.6985, -92.5270



32.2120, 11.7275, -28.2499

Inverse Universe

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



212.3200, 8.2232, 22.5214



222.0480, 10.8223, 28.8989



225.5810, -14.5834, 10.8915



112.6140, 2.1623, 6.4775



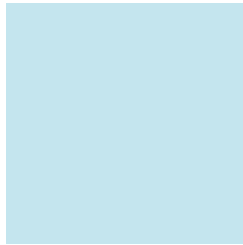
71.4320, 35.7760, 98.7221



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 220.1590, 8.7956, -21.1874 looks on a white background.

Color Contrast Check

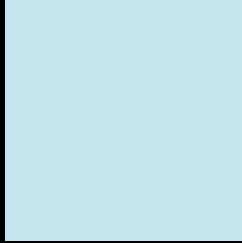
Large Text (above 18pt) WCAG AA × Fail

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 220.1590, 8.7956, -21.1874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

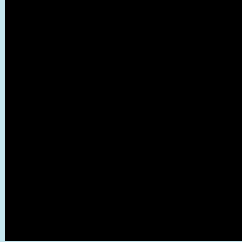
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.1590, 8.7956, -21.1874

Background



This preview shows how black text looks on a background with the YUV color 220.1590, 8.7956, -21.1874.



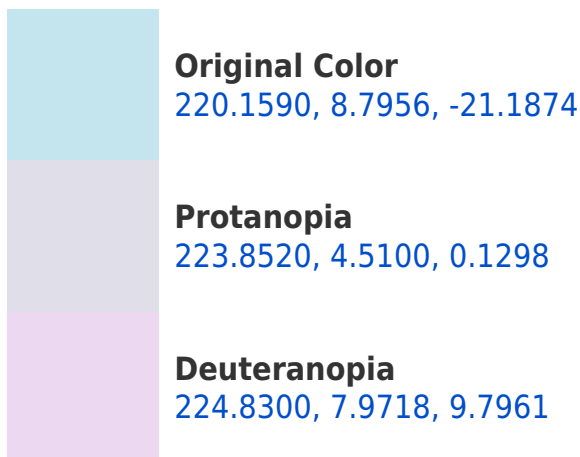
This preview shows how white text looks on a background with the YUV color 220.1590, 8.7956, -21.1874.

-21.1874.

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

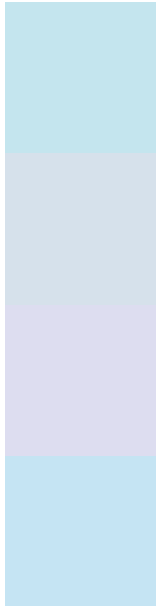




Tritanopia

221.0820, 12.2846, -20.2429

Trichromacy



Original Color

220.1590, 8.7956, -21.1874

Protanomaly

222.8510, 5.9895, -7.7623

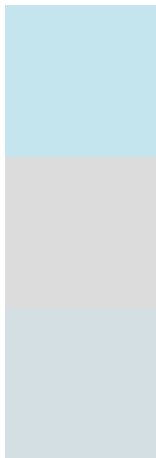
Deuteranomaly

223.1660, 8.2992, -1.8996

Tritanomaly

220.4410, 11.1216, -20.5578

Monochromacy



Original Color

220.1590, 8.7956, -21.1874

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8680, 3.5161, -7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.1590, 8.7956, -21.1874 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(196, 229, 238)` looks like.

```
.text, #text, p{  
    color:rgb(196, 229, 238)  
}
```

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(196, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 229, 238) }
```

Border

The CSS property to change the border of an element to YUV 220.1590, 8.7956, -21.1874 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(196, 229, 238) }
```


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

```
.border{ border-color:rgb(196, 229, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 229, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 229, 238);  
box-shadow:4px 4px 4px 4px rgb(196, 229,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 220.1590, 8.7956, -21.1874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 229, 238) }
```

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

```
.background{ background-color: rgb(196,  
229, 238) }
```

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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