

Converting Colors

YUV(219.4220, 3.2430,
-13.5251)

Have a look what the booklet for
YUV(219.4220, 3.2430, -13.5251)
contains.

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Color

**YUV(219.4220, 3.2430,
-13.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE2E2
RGB	204, 226, 226
RGB Percent	80%, 89%, 89%
CMY	0.2000, 0.1137, 0.1137
CMYK	0.10, 0.00, 0.00, 0.11
HSL	180°, 27%, 84%
HSV	180°, 10%, 89%
XYZ	65.8257, 72.7211, 82.5187
YIQ	219.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

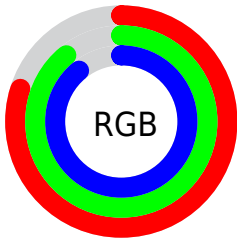
Format	Color
R _Y B	204, 215, 226
Decimal	13427426
CIE Lab	88.31, -7.26, -2.49
CIE LCh	88, 7.674, 198.953
Yxy	72.7211, 0.2978, 0.3290
Android (android.graphics.Color)	4291617506 (0xFFCCE2E2)
YUV	219.4220, 3.2430, -13.5251
Hunter-Lab	85.2766, -11.4487, 2.3212

Details

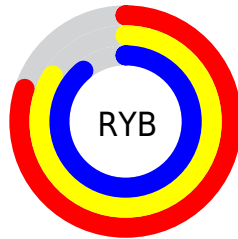
The YUV color **219.4220, 3.2430, -13.5251** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210.5780, -3.2430, 13.5251**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **164.7210, 3.0955, -12.9103** is the 20% darker color. If you saturate the color by 10%, you get **212.5450, 6.6333, -27.6650**, and if you desaturate by 10%, it is **226.2990, -0.1474, 0.6148**.

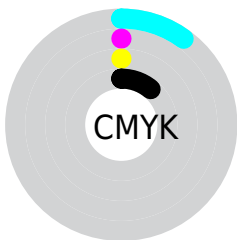
Distribution



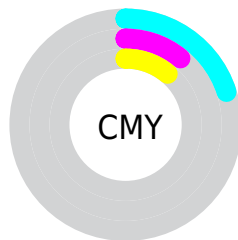
- Red (80%)
- Green (89%)
- Blue (89%)



- Red (80%)
- Yellow (84%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.4220, 3.2430, -13.5251 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 219.4220, 3.2430, -13.5251 by changing the saturation by 10% instead.

■ 219.4220, 3.2430,
-13.5251

■ 219.4220, 3.2430,
-13.5251

255.0000, 0.0000,
0.0000

■ 191.4220, 3.2430,
-13.5251

■ 164.7210, 3.0955,
-12.9103

■ 138.0200, 2.9481,
-12.2955

■ 113.0200, 2.9481,
-12.2955

■ 88.3190, 2.8007,
-11.6808

■ 64.6180, 2.6533,
-11.0660

■ 42.6180, 2.6533,

-11.0660

■ 21.3190, 2.8007,
-11.6808

■ 0.0000, 0.0000,
0.0000

■ 219.4220, 3.2430,
-13.5251

■ 219.4220, 3.2430,
-13.5251

■ 212.5450, 6.6333,
-27.6650

■ 226.2990, -0.1474,
0.6148

■ 205.9670, 9.8763,
-41.1901

■ 232.8770, -3.3904,
14.1399

■ 199.0900, 13.2666,
-55.3299

■ 234.6710, -4.2748,
17.8285

■ 192.5120, 16.5096,
-68.8550

■ 185.6350, 19.8999,
-82.9949

■ 178.7580, 23.2903,
-97.1348

■ 172.1800, 26.5333,
-110.6599

■ 165.3030, 29.9236,
-124.7997

■ 158.7250, 33.1666,
-138.3248

Harmonies

Analogous

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



219.5210, -0.2569, -10.9809



219.4220, 3.2430, -13.5251



219.8180, 6.0057, -12.9954

Triad

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



219.4220, 3.2430, -13.5251



222.7710, 4.0569, 5.4628



221.8070, -7.2999, 8.0623

Complementary

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



219.4220, 3.2430, -13.5251



210.5780, -3.2430, 13.5251

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.



222.5840, -5.7109, 11.7658



219.4220, 3.2430, -13.5251



223.2940, 0.8411, 10.2662

Square

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



219.4220, 3.2430, -13.5251



222.2970, 6.2626, -2.0145



223.2790, -3.0955, 12.9103



221.2900, -6.5520, 1.4997

Rectangle

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



219.4220, 3.2430, -13.5251



220.7690, 7.0159, -10.3214



223.2790, -3.0955, 12.9103



221.9320, -6.8685, 9.7066

Sweetspot

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



219.4220, 3.2430, -13.5251



252.6080, 1.1793, -4.9182



216.9140, -6.3666, -11.3256



126.2060, 0.8844, -3.6887



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.



219.4220, 3.2430, -13.5251



245.7310, 4.5696, -19.0581



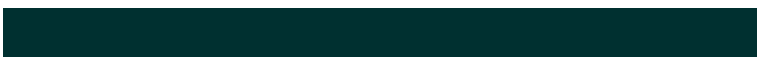
212.9650, 6.4263, -7.8623



108.7110, 1.6215, -6.7625



123.3760, 25.9436, -108.2008



33.6480, 7.0755, -29.5093

Inverse Universe

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



213.0860, 6.3666, 11.3256



236.8030, 8.9711, 15.9588



217.0350, -6.4263, 7.8623



105.5430, 3.1833, 5.6628



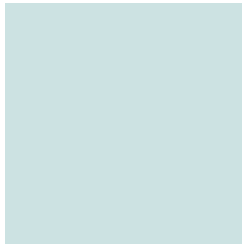
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 219.4220, 3.2430, -13.5251 looks on a white background.

Color Contrast Check

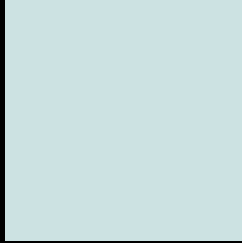
Large Text (above 18pt) WCAG AA × Fail

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 219.4220, 3.2430, -13.5251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

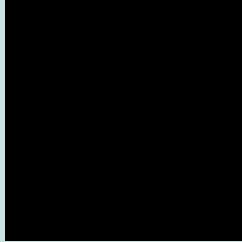
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

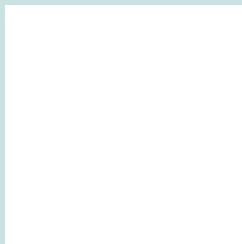
Any Text WCAG AAA ✓ Pass

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

YUV 219.4220, 3.2430, -13.5251 Background



This preview shows how black text looks on a background with the YUV color 219.4220, 3.2430, -13.5251.



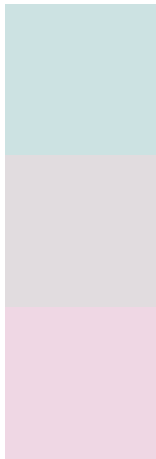
This preview shows how white text looks on a background with the YUV color 219.4220, 3.2430,

-13.5251.

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

219.4220, 3.2430, -13.5251

Protanopia

221.8370, 0.5734, 2.7740

Deuteranopia

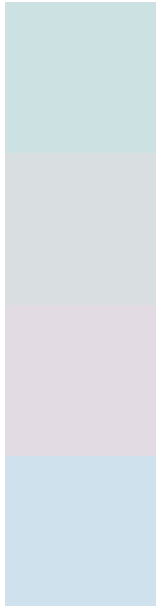
223.6580, 2.1406, 13.4549



Tritanopia

220.8550, 9.9315, -12.1508

Trichromacy



Original Color

219.4220, 3.2430, -13.5251

Protanomaly

220.7330, 1.6106, -3.2738

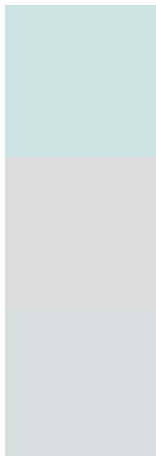
Deuteranomaly

222.0050, 2.4625, 3.5036

Tritanomaly

220.5730, 7.6055, -12.7805

Monochromacy



Original Color

219.4220, 3.2430, -13.5251

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.6080, 1.1793, -4.9182

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.4220, 3.2430, -13.5251 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(204, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(204, 226, 226)  
}
```

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(204, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 226, 226) }
```

Border

The CSS property to change the border of an element to YUV 219.4220, 3.2430, -13.5251 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(204, 226, 226) }
```


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

```
.border{ border-color:rgb(204, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(204, 226,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 219.4220, 3.2430, -13.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 226, 226) }
```

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

```
.background{ background-color: rgb(204,  
226, 226) }
```

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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