

Converting Colors

YUV(223.3150, 15.6207,
-16.9393)

Have a look what the booklet for
YUV(223.3150, 15.6207, -16.9393)
contains.

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Color

**YUV(223.3150, 15.6207,
-16.9393)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE3FF
RGB	204, 227, 255
RGB Percent	80%, 89%, 100%
CMY	0.2000, 0.1098, 0.0000
CMYK	0.20, 0.11, 0.00, 0.00
HSL	213°, 100%, 90%
HSV	213°, 20%, 100%
XYZ	70.4209, 74.9955, 105.3717
YIQ	223.3150, -22.6960, 3.8320

Conversions

Conversions Part 2

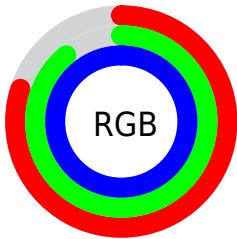
Format	Color
R _Y B	204, 220, 255
Decimal	13427711
CIE Lab	89.39, -1.83, -16.12
CIE LCh	89, 16.222, 263.507
Yxy	74.9955, 0.2808, 0.2990
Android (android.graphics.Color)	4291617791 (0xFFCCE3FF)
YUV	223.3150, 15.6207, -16.9393
Hunter-Lab	86.6000, -6.3982, -11.5220

Details

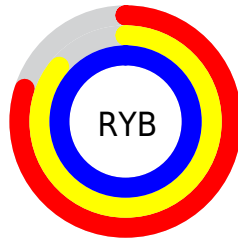
The YUV color `223.3150, 15.6207, -16.9393` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `235.6850, -15.6207, 16.9393`, and the grayscale version is `223.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `168.0870, 14.7471, -16.7393` is the 20% darker color. If you saturate the color by 10%, you get `207.6220, 23.3574, -25.1015`, and if you desaturate by 10%, it is `239.3070, 7.7366, -8.1622`.

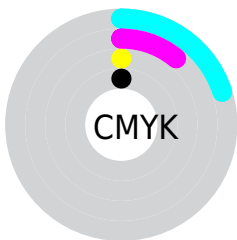
Distribution



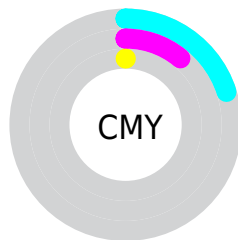
- Red (80%)
- Green (89%)
- Blue (100%)



- Red (80%)
- Yellow (86%)
- Blue (100%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.3150, 15.6207, -16.9393 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 223.3150, 15.6207, -16.9393 by changing the saturation by 10% instead.

■ 223.3150, 15.6207,
-16.9393

■ 223.3150, 15.6207,
-16.9393

255.0000, 0.0000,
0.0000

■ 195.2010, 15.1839,
-16.8393

■ 168.0870, 14.7471,
-16.7393

■ 141.3860, 14.5997,
-16.1245

■ 115.8590, 13.8735,
-16.5393

■ 91.1580, 13.7261,
-15.9246

■ 67.0440, 13.2893,
-15.8246

■ 44.2180, 12.7105,

-16.8542

■ 21.9080, 12.8634,
-19.2133

■ 3.6650, 11.5042,
-3.2142

■ 223.3150, 15.6207,
-16.9393

■ 223.3150, 15.6207,
-16.9393

■ 207.6220, 23.3574,
-25.1015

■ 239.3070, 7.7366,
-8.1622

■ 191.6300, 31.2414,
-33.8785

255.0000, 0.0000,
0.0000

■ 175.9370, 38.9781,
-42.0407

■ 159.9450, 46.8621,
-50.8178

■ 144.2520, 54.5988,
-58.9800

■ 128.2600, 62.4828,
-67.7570

■ 112.2680, 70.3669,
-76.5340

■ 96.5750, 78.1035,
-84.6963

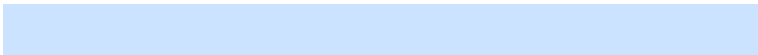
Harmonies

Analogous

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



220.4940, 14.0535, -27.6202



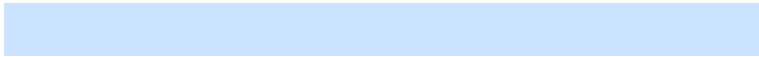
223.3150, 15.6207, -16.9393



226.1320, 13.2459, -1.8698

Triad

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



223.3150, 15.6207, -16.9393



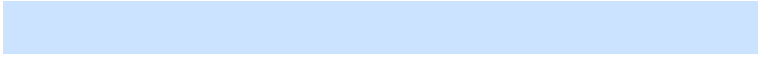
226.7320, -6.7699, 24.7910



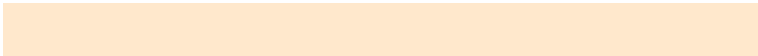
220.6750, -7.2348, -12.8700

Complementary

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



223.3150, 15.6207, -16.9393



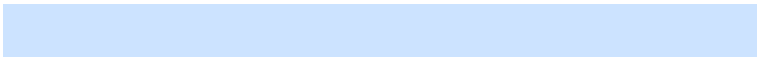
235.6850, -15.6207, 16.9393

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.



222.5690, -13.0985, 1.2550



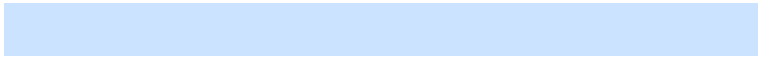
223.3150, 15.6207, -16.9393



226.4130, -13.0216, 23.3168

Square

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



223.3150, 15.6207, -16.9393



227.6700, 0.6557, 23.0914



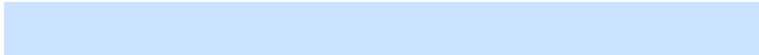
224.4890, -15.0311, 14.4801



219.9600, 0.5127, -24.5209

Rectangle

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



223.3150, 15.6207, -16.9393



227.2750, 9.7244, 7.6518



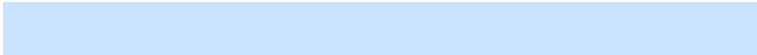
224.4890, -15.0311, 14.4801



221.4260, -9.5770, -8.2666

Sweetspot

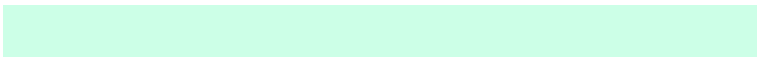
The Sweet Spot groups the original color and five complimentary colors.



223.3150, 15.6207, -16.9393



245.8190, 4.5262, -5.1033



237.0150, -2.9654, -28.9542



122.3740, 2.7736, -2.9590



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.



223.3150, 15.6207, -16.9393



216.8030, 18.8311, -19.9982



210.4120, 21.9819, -3.8693



120.0040, 3.9420, -4.3885



72.2560, 58.5408, -63.3685



24.3190, 19.5627, -21.3278

Inverse Universe

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



221.8710, 2.5286, 29.0541



215.3170, 2.8017, 34.8020



248.5880, -21.9819, 3.8693



119.5710, 0.7045, 7.3922



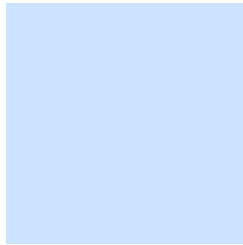
66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 223.3150, 15.6207, -16.9393 looks on a white background.

Color Contrast Check

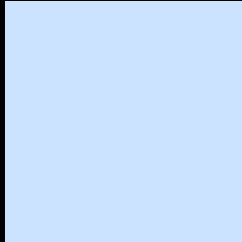
Large Text (above 18pt) WCAG AA × Fail

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 223.3150, 15.6207, -16.9393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

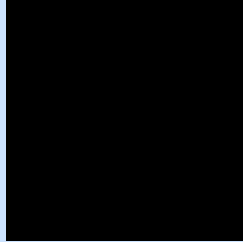
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

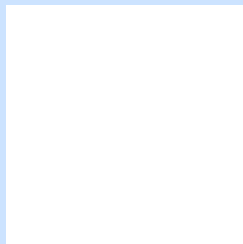
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 223.3150, 15.6207, -16.9393

Background



This preview shows how black text looks on a background with the YUV color 223.3150, 15.6207, -16.9393.



This preview shows how white text looks on a background with the YUV color 223.3150, 15.6207, -16.9393.

-16.9393.

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

223.3150, 15.6207, -16.9393

Protanopia

225.4090, 13.1094, -4.7437

Deuteranopia

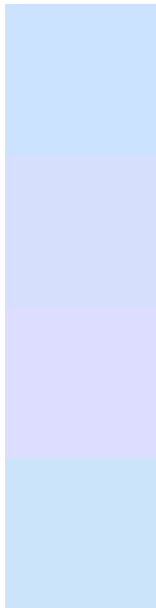
226.3930, 14.1033, 3.1633



Tritanopia

222.3920, 12.1317, -17.8838

Trichromacy



Original Color

223.3150, 15.6207, -16.9393

Protanomaly

224.3160, 14.1412, -9.0471

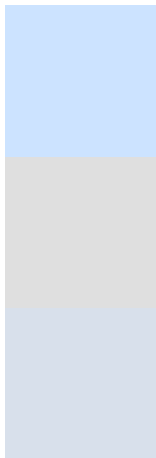
Deuteranomaly

225.4630, 14.5617, -3.9141

Tritanomaly

223.0330, 13.2947, -17.5689

Monochromacy



Original Color

223.3150, 15.6207, -16.9393

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.3150, 15.6207, -16.9393 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, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 227, 255)  
}
```

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, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 227, 255) }
```

Border

The CSS property to change the border of an element to YUV 223.3150, 15.6207, -16.9393 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, 227, 255) }
```


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

```
.border{ border-color:rgb(204, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 227,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 223.3150, 15.6207, -16.9393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 227, 255) }
```

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

```
.background{ background-color: rgb(204,  
227, 255) }
```

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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