

Converting Colors

YUV(222.2300, 7.7746,
-20.3727)

Have a look what the booklet for
YUV(222.2300, 7.7746, -20.3727)
contains.

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Color

**YUV(222.2300, 7.7746,
-20.3727)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E7EE
RGB	199, 231, 238
RGB Percent	78%, 91%, 93%
CMY	0.2196, 0.0941, 0.0667
CMYK	0.16, 0.03, 0.00, 0.07
HSL	191°, 53%, 86%
HSV	191°, 16%, 93%
XYZ	67.5617, 75.4670, 91.8946
YIQ	222.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

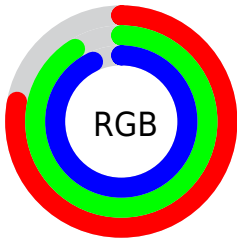
Format	Color
R _Y B	199, 217, 238
Decimal	13101038
CIE Lab	89.61, -8.99, -6.92
CIE LCh	90, 11.345, 217.566
Yxy	75.4670, 0.2876, 0.3212
Android (android.graphics.Color)	4291291118 (0xFFC7E7EE)
YUV	222.2300, 7.7746, -20.3727
Hunter-Lab	86.8717, -13.2029, -1.9079

Details

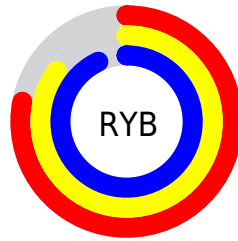
The YUV color $222.2300, 7.7746, -20.3727$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.7700, -7.7746, 20.3727$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.8280, 7.4798, -19.1432$ is the 20% darker color. If you saturate the color by 10%, you get $212.7060, 12.4699, -33.0682$, and if you desaturate by 10%, it is $231.7540, 3.0793, -7.6773$.

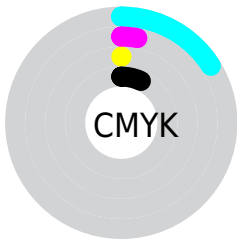
Distribution



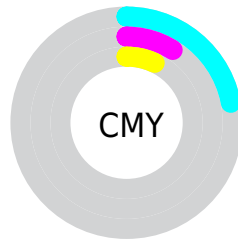
- Red (78%)
- Green (91%)
- Blue (93%)



- Red (78%)
- Yellow (85%)
- Blue (93%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.2300, 7.7746, -20.3727 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 222.2300, 7.7746, -20.3727 by changing the saturation by 10% instead.

■ 222.2300, 7.7746,
-20.3727

■ 222.2300, 7.7746,
-20.3727

255.0000, 0.0000,
0.0000

■ 194.2300, 7.7746,
-20.3727

■ 166.8280, 7.4798,
-19.1432

■ 140.7140, 7.0430,
-19.0432

■ 114.7140, 7.0430,
-19.0432

■ 90.0130, 6.8956,
-18.4284

■ 66.0130, 6.8956,
-18.4284

■ 43.6000, 6.6062,

-18.9432

■ 21.7140, 7.0430,
-19.0432

■ 2.2970, 6.2626,
-2.0145

■ 222.2300, 7.7746,
-20.3727

■ 222.2300, 7.7746,
-20.3727

■ 212.7060, 12.4699,
-33.0682

■ 231.7540, 3.0793,
-7.6773

■ 202.5950, 17.4547,
-45.2488

■ 241.8650, -1.9054,
4.5034

■ 193.3700, 22.0026,
-57.3295

■ 246.6050, -4.2423,
7.3624

■ 183.8460, 26.6979,
-70.0249

■ 248.9530, -5.3998,
5.3032

■ 174.3220, 31.3933,
-82.7204

■ 251.3010, -6.5574,
3.2440

■ 164.2110, 36.3780,
-94.9010

■ 253.0620, -7.4256,
1.6996

■ 154.6870, 41.0733,
-107.5965

■ 145.4620, 45.6212,
-119.6772

■ 141.5970, 47.5267,
-124.1806

Harmonies

Analogous

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



221.9760, 2.9698, -19.2730



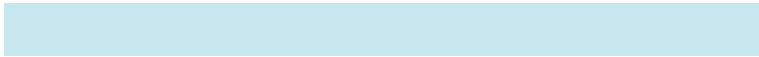
222.2300, 7.7746, -20.3727



223.9470, 10.3791, -15.7395

Triad

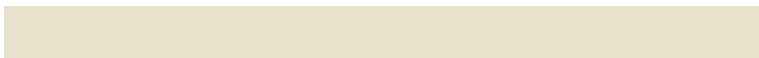
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.2300, 7.7746, -20.3727



227.5870, 3.1616, 12.6402



224.6990, -10.2046, 6.4030

Complementary

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



222.2300, 7.7746, -20.3727



214.7700, -7.7746, 20.3727

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.



226.1560, -9.9369, 13.8952



222.2300, 7.7746, -20.3727



227.5400, -2.2382, 17.9434

Square

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



222.2300, 7.7746, -20.3727



226.9710, 7.4093, 3.5334



226.8730, -7.3324, 18.5284



223.6160, -7.6987, -4.0482

Rectangle

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



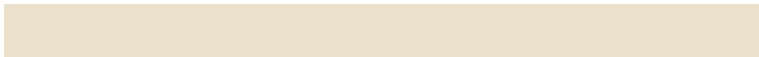
222.2300, 7.7746, -20.3727



224.5070, 11.0890, -10.0916



226.8730, -7.3324, 18.5284



225.0090, -10.3574, 8.7621

Sweetspot

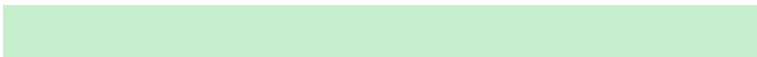
The Sweet Spot groups the original color and five complimentary colors.



222.2300, 7.7746, -20.3727



249.9390, 2.4951, -6.9625



222.5770, -8.6655, -20.6770



124.4340, 1.7580, -3.8886



0.0000, 0.0000, 0.0000



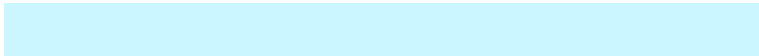
128.0000, 0.0000, 0.0000

Same Dimension

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



222.2300, 7.7746, -20.3727



234.4680, 10.1223, -26.7204



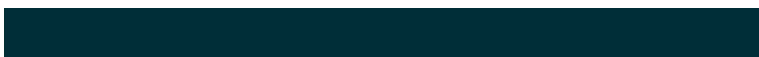
211.0770, 13.2730, -10.5915



115.2380, 2.3477, -6.3477



109.6130, 36.6728, -96.1306



33.3860, 11.1487, -29.2795

Inverse Universe

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



214.3090, 8.2287, 20.7770



224.0370, 10.8278, 27.1546



225.9230, -13.2730, 10.5915



112.7280, 2.5991, 6.3775



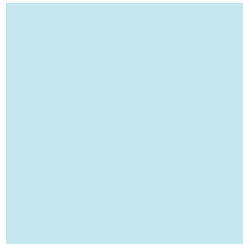
72.2300, 38.8336, 98.0223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 222.2300, 7.7746, -20.3727 looks on a white background.

Color Contrast Check

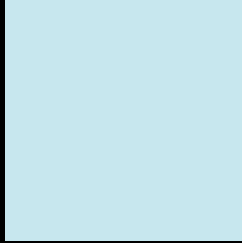
Large Text (above 18pt) WCAG AA × Fail

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 222.2300, 7.7746, -20.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

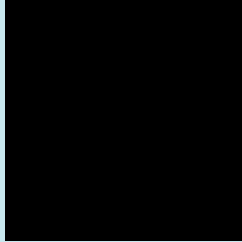
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.2300, 7.7746, -20.3727

Background



This preview shows how black text looks on a background with the YUV color 222.2300, 7.7746, -20.3727.



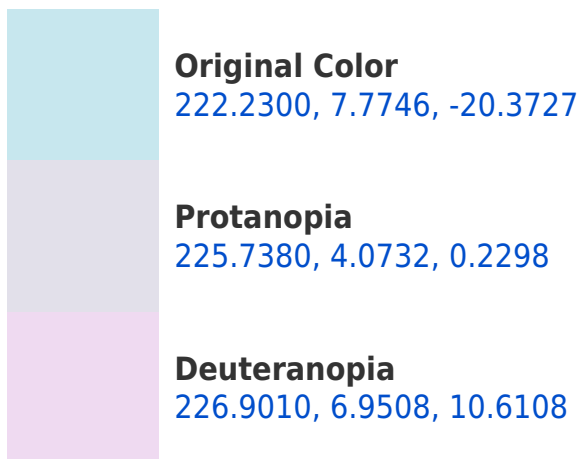
This preview shows how white text looks on a background with the YUV color 222.2300, 7.7746, -20.3727.

-20.3727.

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

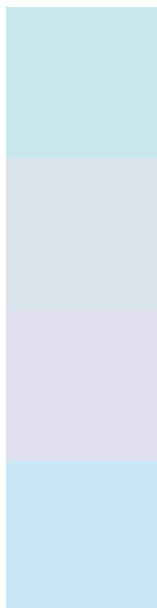




Tritanopia

222.7940, 12.4266, -19.1133

Trichromacy



Original Color

222.2300, 7.7746, -20.3727

Protanomaly

224.6230, 5.1159, -7.5624

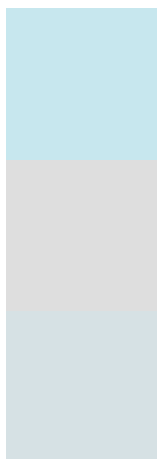
Deuteranomaly

225.2370, 7.2782, -1.0848

Tritanomaly

222.6260, 10.5374, -19.8430

Monochromacy



Original Color

222.2300, 7.7746, -20.3727

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.0530, 2.9319, -7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.2300, 7.7746, -20.3727 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(199, 231, 238)` looks like.

```
.text, #text, p{  
    color:rgb(199, 231, 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(199, 231, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 231, 238) }
```

Border

The CSS property to change the border of an element to YUV 222.2300, 7.7746, -20.3727 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(199, 231, 238) }
```


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

```
.border{ border-color:rgb(199, 231, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 231, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 231, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 231, 238);  
box-shadow:4px 4px 4px 4px rgb(199, 231,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 222.2300, 7.7746, -20.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 231, 238) }
```

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

```
.background{ background-color: rgb(199,  
231, 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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