

Converting Colors

YUV(222.9940, 15.7790,
-21.0427)

Have a look what the booklet for
YUV(222.9940, 15.7790, -21.0427)
contains.

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Color

**YUV(222.9940, 15.7790,
-21.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E5FF
RGB	199, 229, 255
RGB Percent	78%, 90%, 100%
CMY	0.2196, 0.1020, 0.0000
CMYK	0.22, 0.10, 0.00, 0.00
HSL	208°, 100%, 89%
HSV	208°, 22%, 100%
XYZ	69.6225, 75.4007, 105.4920
YIQ	222.9940, -26.2260, 1.7260

Conversions

Conversions Part 2

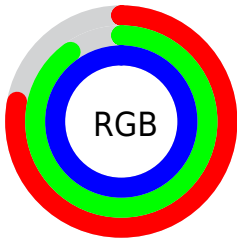
Format	Color
R _{YB}	199, 219, 255
Decimal	13100543
CIE Lab	89.58, -4.37, -15.87
CIE LCh	90, 16.457, 254.610
Yxy	75.4007, 0.2779, 0.3010
Android (android.graphics.Color)	4291290623 (0xFFC7E5FF)
YUV	222.9940, 15.7790, -21.0427
Hunter-Lab	86.8336, -8.8389, -11.2465

Details

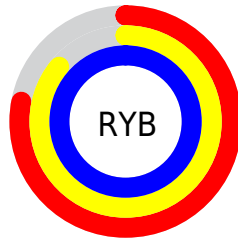
The YUV color $222.9940, 15.7790, -21.0427$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $231.0060, -15.7790, 21.0427$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.7660, 14.9054, -20.8428$ is the 20% darker color. If you saturate the color by 10%, you get $208.4750, 22.9368, -30.2346$, and if you desaturate by 10%, it is $237.8120, 8.4737, -11.2361$.

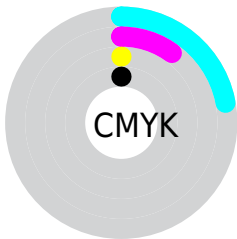
Distribution



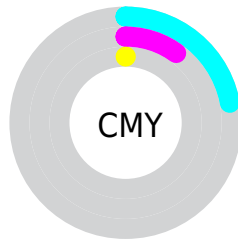
- Red (78%)
- Green (90%)
- Blue (100%)



- Red (78%)
- Yellow (86%)
- Blue (100%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.9940, 15.7790, -21.0427 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 222.9940, 15.7790, -21.0427 by changing the saturation by 10% instead.

■ 222.9940, 15.7790,
-21.0427

■ 222.9940, 15.7790,
-21.0427

255.0000, 0.0000,
0.0000

■ 194.8800, 15.3422,
-20.9428

■ 167.7660, 14.9054,
-20.8428

■ 141.0650, 14.7580,
-20.2280

■ 114.9510, 14.3212,
-20.1280

■ 90.5380, 14.0318,
-20.6428

■ 66.4240, 13.5950,
-20.5428

■ 42.7120, 13.4530,

-21.6724

■ 22.4950, 12.5740,
-19.7281

■ 3.6650, 11.5042,
-3.2142

■ 222.9940, 15.7790,
-21.0427

■ 222.9940, 15.7790,
-21.0427

■ 208.4750, 22.9368,
-30.2346

■ 237.8120, 8.4737,
-11.2361

■ 193.6570, 30.2421,
-40.0412

■ 252.3310, 1.3158,
-2.0443

■ 178.8390, 37.5474,
-49.8478

■ 255.0000, 0.0000,
0.0000

■ 164.9070, 44.4158,
-59.5544

■ 150.0890, 51.7211,
-69.3611

■ 135.5700, 58.8790,
-78.5529

■ 120.7520, 66.1843,
-88.3595

■ 109.4890, 71.7369,
-96.0219

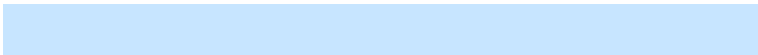
Harmonies

Analogous

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



220.8420, 12.8959, -29.6794



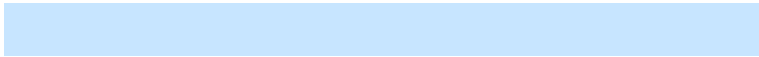
222.9940, 15.7790, -21.0427



225.7400, 14.4252, -6.7880

Triad

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



222.9940, 15.7790, -21.0427



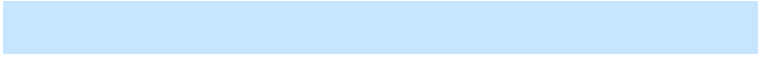
227.3020, -4.5859, 24.2911



222.1270, -9.4296, -8.8814

Complementary

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



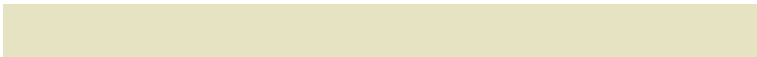
222.9940, 15.7790, -21.0427



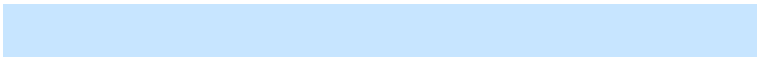
231.0060, -15.7790, 21.0427

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.



224.2490, -14.4198, 5.0436



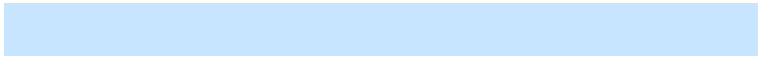
222.9940, 15.7790, -21.0427



226.8800, -11.2798, 24.6612

Square

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



222.9940, 15.7790, -21.0427



228.2290, 2.8451, 20.8472



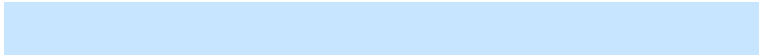
225.5110, -15.0419, 17.9689



220.2870, -2.1135, -22.1767

Rectangle

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



222.9940, 15.7790, -21.0427



226.8230, 11.9193, 3.6632



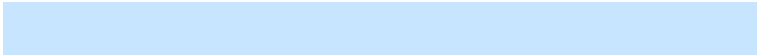
225.5110, -15.0419, 17.9689



222.8780, -11.7719, -4.2780

Sweetspot

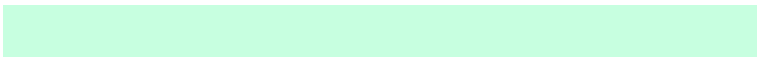
The Sweet Spot groups the original color and five complimentary colors.



222.9940, 15.7790, -21.0427



244.9220, 4.9685, -6.9476



234.7220, -5.2859, -31.3282



121.7760, 3.0684, -4.1886



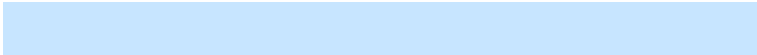
0.0000, 0.0000, 0.0000



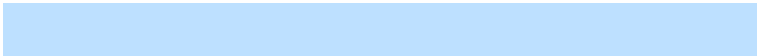
128.0000, 0.0000, 0.0000

Same Dimension

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



222.9940, 15.7790, -21.0427



217.0690, 18.7000, -24.6165



207.1450, 23.5925, -7.1432



120.5910, 3.6526, -4.9033



81.6480, 53.9105, -71.6053



27.2540, 18.1158, -23.9018

Inverse Universe

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



219.1640, 4.8491, 31.4282



212.7240, 5.5591, 37.0761



246.8550, -23.5925, 7.1432



119.6850, 1.1413, 7.2923



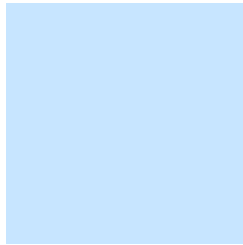
68.7370, 16.3987, 107.2247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 222.9940, 15.7790, -21.0427 looks on a white background.

Color Contrast Check

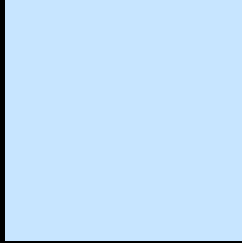
Large Text (above 18pt) WCAG AA × Fail

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 222.9940, 15.7790, -21.0427 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

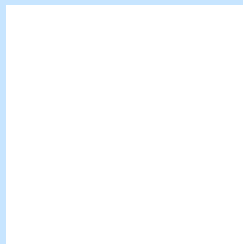
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.9940, 15.7790, -21.0427

Background



This preview shows how black text looks on a background with the YUV color 222.9940, 15.7790, -21.0427.



This preview shows how white text looks on a background with the YUV color 222.9940, 15.7790, -21.0427.

-21.0427.

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

222.9940, 15.7790, -21.0427

Protanopia

225.5940, 12.5252, -4.0289

Deuteranopia

226.6920, 13.9558, 3.7781



Tritanopia

222.4840, 12.5794, -21.4725

Trichromacy



Original Color

222.9940, 15.7790, -21.0427

Protanomaly

224.4900, 13.5624, -10.0767

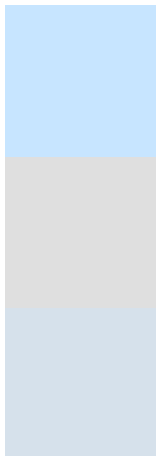
Deuteranomaly

225.4520, 14.5672, -5.6584

Tritanomaly

222.8260, 13.8898, -21.7724

Monochromacy



Original Color

222.9940, 15.7790, -21.0427

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.8510, 5.9895, -7.7623

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.9940, 15.7790, -21.0427 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, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 229, 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(199, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 229, 255) }
```

Border

The CSS property to change the border of an element to YUV 222.9940, 15.7790, -21.0427 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, 229, 255) }
```


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

```
.border{ border-color:rgb(199, 229, 255) }
```

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

Here you see how a box with a 4 pixel rgb(199, 229, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 229,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 222.9940, 15.7790, -21.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 229, 255) }
```

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

```
.background{ background-color: rgb(199,  
229, 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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