

Converting Colors

YUV(224.7830, 12.4320,
-20.8577)

Have a look what the booklet for
YUV(224.7830, 12.4320, -20.8577)
contains.

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Color

**YUV(224.7830, 12.4320,
-20.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E8FA
RGB	201, 232, 250
RGB Percent	79%, 91%, 98%
CMY	0.2118, 0.0902, 0.0196
CMYK	0.20, 0.07, 0.00, 0.02
HSL	202°, 83%, 88%
HSV	202°, 20%, 98%
XYZ	70.1993, 77.0329, 101.6114
YIQ	224.7830, -24.2540, -0.9740

Conversions

Conversions Part 2

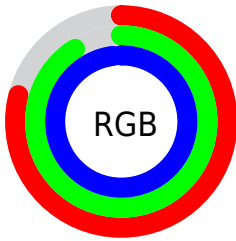
Format	Color
R _Y B	201, 220, 250
Decimal	13232378
CIE Lab	90.34, -6.39, -12.11
CIE LCh	90, 13.687, 242.186
Yxy	77.0329, 0.2821, 0.3096
Android (android.graphics.Color)	4291422458 (0xFFC9E8FA)
YUV	224.7830, 12.4320, -20.8577
Hunter-Lab	87.7684, -10.8259, -7.2035

Details

The YUV color **224.7830, 12.4320, -20.8577** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **226.2170, -12.4320, 20.8577**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **169.0820, 12.2846, -20.2429** is the 20% darker color. If you saturate the color by 10%, you get **212.0250, 18.7217, -31.5939**, and if you desaturate by 10%, it is **237.5410, 6.1423, -10.1215**.

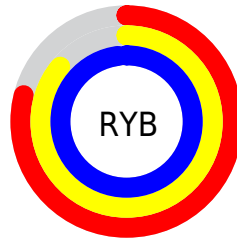
Distribution



Red (79%)

Green (91%)

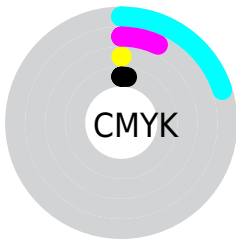
Blue (98%)



Red (79%)

Yellow (86%)

Blue (98%)

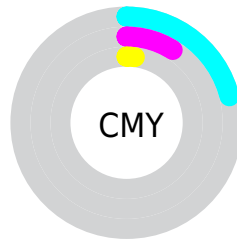


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.7830, 12.4320, -20.8577 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 224.7830, 12.4320, -20.8577 by changing the saturation by 10% instead.

■ 224.7830, 12.4320,
-20.8577

■ 224.7830, 12.4320,
-20.8577

255.0000, 0.0000,
0.0000

■ 196.6690, 11.9952,
-20.7577

■ 169.0820, 12.2846,
-20.2429

■ 142.8540, 11.4110,
-20.0430

■ 117.1530, 11.2636,
-19.4282

■ 92.0390, 10.8268,
-19.3282

■ 68.0390, 10.8268,
-19.3282

■ 45.2130, 10.2480,

-20.3578

■ 23.2130, 10.2480,
-20.3578

■ 5.0840, 9.3256,
-4.4587

■ 224.7830, 12.4320,
-20.8577

■ 224.7830, 12.4320,
-20.8577

■ 212.0250, 18.7217,
-31.5939

■ 237.5410, 6.1423,
-10.1215

■ 199.2670, 25.0114,
-42.3302

■ 250.2990, -0.1474,
0.6148

■ 185.9220, 31.5905,
-52.5516

■ 254.4300, -2.1840,
0.4999

■ 173.1640, 37.8801,
-63.2878

■ 160.4060, 44.1698,
-74.0241

■ 147.6480, 50.4595,
-84.7603

■ 134.8900, 56.7492,
-95.4965

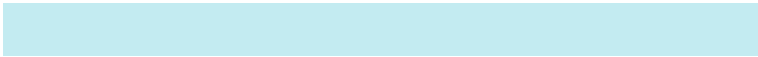
■ 122.1320, 63.0389,
-106.2328

■ 121.2460, 63.4757,
-106.3327

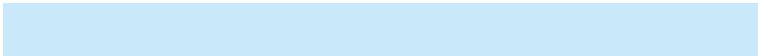
Harmonies

Analogous

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



223.7240, 8.5171, -25.1909



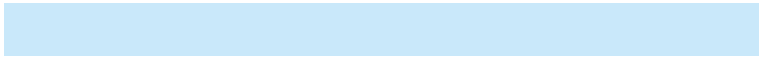
224.7830, 12.4320, -20.8577



226.9630, 12.8362, -10.4916

Triad

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



224.7830, 12.4320, -20.8577



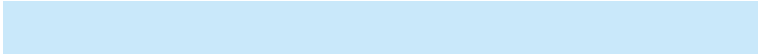
229.7900, -1.3755, 21.2322



225.3450, -10.0301, -2.9336

Complementary

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



224.7830, 12.4320, -20.8577



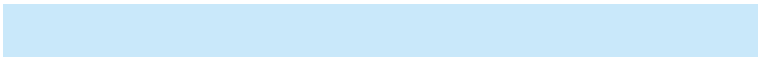
226.2170, -12.4320, 20.8577

Split Complementary

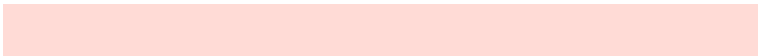
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.0260, -12.8308, 8.7472



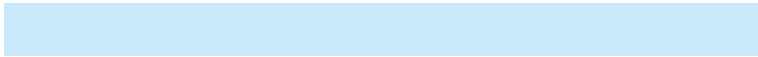
224.7830, 12.4320, -20.8577



229.1940, -7.4906, 22.6319

Square

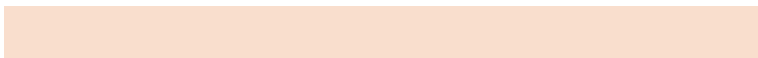
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.7830, 12.4320, -20.8577



230.0540, 4.9034, 13.9846



228.1350, -11.4056, 18.2986



224.0600, -4.4666, -14.0846

Rectangle

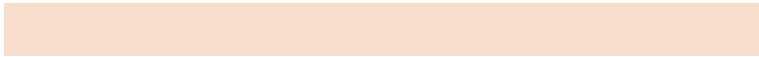
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.7830, 12.4320, -20.8577



228.2630, 11.2093, -1.9847



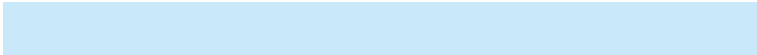
228.1350, -11.4056, 18.2986



225.4380, -11.0619, 1.3699

Sweetspot

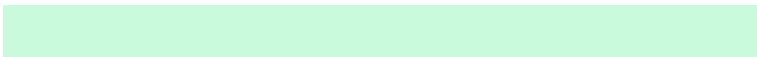
The Sweet Spot groups the original color and five complimentary colors.



224.7830, 12.4320, -20.8577



246.9930, 3.9475, -6.1329



231.8150, -6.3178, -27.0248



122.9610, 2.4842, -3.4738



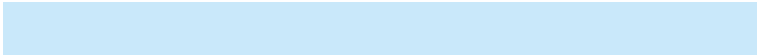
0.0000, 0.0000, 0.0000



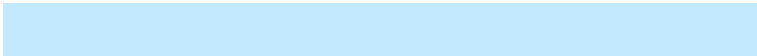
128.0000, 0.0000, 0.0000

Same Dimension

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



224.7830, 12.4320, -20.8577



223.8470, 15.3584, -26.1758



210.6950, 19.3774, -8.5025



118.1780, 3.3632, -5.4181



91.3990, 48.1173, -80.1569



29.8470, 15.3584, -26.1758

Inverse Universe

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



219.1850, 6.3178, 27.0248



216.6850, 8.0433, 33.6023



240.3050, -19.3774, 8.5025



116.7990, 1.5781, 7.1923



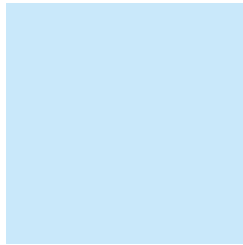
70.0770, 24.1190, 104.2955



22.6850, 8.0433, 33.6023

Previews

White Background



This preview shows how the YUV color 224.7830, 12.4320, -20.8577 looks on a white background.

Color Contrast Check

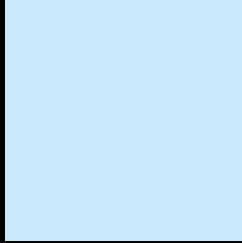
Large Text (above 18pt) WCAG AA × Fail

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 224.7830, 12.4320, -20.8577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

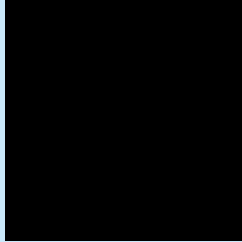
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 224.7830, 12.4320, -20.8577

Background



This preview shows how black text looks on a background with the YUV color 224.7830, 12.4320, -20.8577.



This preview shows how white text looks on a background with the YUV color 224.7830, 12.4320, -20.8577.

-20.8577.

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

224.7830, 12.4320, -20.8577

Protanopia

227.3940, 9.1728, -2.0995

Deuteranopia

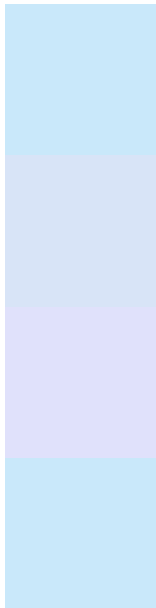
229.3180, 11.1822, 6.7371



Tritanopia

224.7830, 12.4320, -20.8577

Trichromacy



Original Color

224.7830, 12.4320, -20.8577

Protanomaly

226.5780, 10.0680, -9.2769

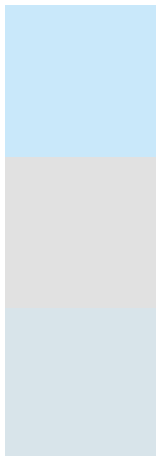
Deuteranomaly

227.6650, 11.5042, -3.2142

Tritanomaly

224.7830, 12.4320, -20.8577

Monochromacy



Original Color

224.7830, 12.4320, -20.8577

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

225.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.7830, 12.4320, -20.8577 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(201, 232, 250)` looks like.

```
.text, #text, p{  
    color:rgb(201, 232, 250)  
}
```

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(201, 232, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 232, 250) }
```

Border

The CSS property to change the border of an element to YUV 224.7830, 12.4320, -20.8577 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(201, 232, 250) }
```


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

```
.border{ border-color:rgb(201, 232, 250) }
```

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

Here you see how a box with a 4 pixel rgb(201, 232, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 232, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 232, 250);  
box-shadow:4px 4px 4px 4px rgb(201, 232,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 224.7830, 12.4320, -20.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 232, 250) }
```

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

```
.background{ background-color: rgb(201,  
232, 250) }
```

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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