

Converting Colors

YUV(227.9830, 12.3334,
-35.9421)

Have a look what the booklet for
YUV(227.9830, 12.3334, -35.9421)
contains.

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Color

**YUV(227.9830, 12.3334,
-35.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	BBF4FD
RGB	187, 244, 253
RGB Percent	73%, 96%, 99%
CMY	0.2667, 0.0431, 0.0078
CMYK	0.26, 0.04, 0.00, 0.01
HSL	188°, 94%, 86%
HSV	188°, 26%, 99%
XYZ	70.5738, 82.3580, 105.1056
YIQ	227.9830, -36.8610, -9.2850

Conversions

Conversions Part 2

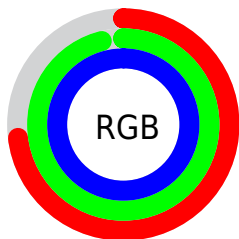
Format	Color
R _{YB}	187, 218, 253
Decimal	12317949
CIE _{Lab}	92.73, -15.91, -10.19
CIE _{LCh}	93, 18.895, 212.636
Yxy	82.3580, 0.2735, 0.3192
Android (android.graphics.Color)	4290508029 (0xFFBBF4FD)
YUV	227.9830, 12.3334, -35.9421
Hunter-Lab	90.7513, -20.0022, -5.1420

Details

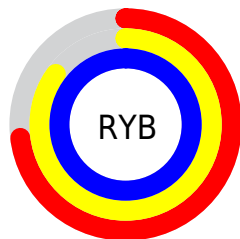
The YUV color **227.9830, 12.3334, -35.9421** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **212.0170, -12.3334, 35.9421**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.7110, 1.6215, -6.7625**, and **172.1680, 11.7492, -35.2273** is the 20% darker color. If you saturate the color by 10%, you get **218.7470, 16.8867, -49.7671**, and if you desaturate by 10%, it is **237.2190, 7.7800, -22.1171**.

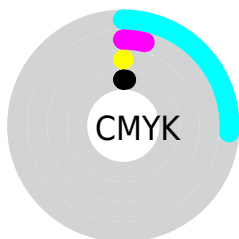
Distribution



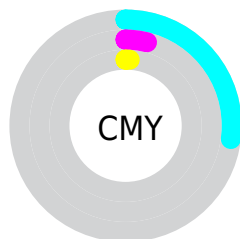
- Red (73%)
- Green (96%)
- Blue (99%)



- Red (73%)
- Yellow (85%)
- Blue (99%)



- Cyan (26%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (27%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.9830, 12.3334, -35.9421 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 227.9830, 12.3334, -35.9421 by changing the saturation by 10% instead.

■ 227.9830, 12.3334,
-35.9421

■ 227.9830, 12.3334,
-35.9421

255.0000, 0.0000,
0.0000

■ 199.8690, 11.8966,
-35.8421

■ 251.7110, 1.6215,
-6.7625

■ 172.1680, 11.7492,
-35.2273

■ 145.1680, 11.7492,
-35.2273

■ 118.5810, 12.0386,
-34.7125

■ 93.1680, 11.7492,
-35.2273

■ 67.9720, 12.3388,
-37.6864

■ 43.6730, 12.4862,

-38.3012

■ 28.2510, 9.2433,
-24.7761

■ 13.5300, 6.1477,
-11.8658

■ 227.9830, 12.3334,
-35.9421

■ 227.9830, 12.3334,
-35.9421

■ 218.7470, 16.8867,
-49.7671

■ 237.2190, 7.7800,
-22.1171

■ 208.6250, 21.8769,
-63.6921

■ 247.3410, 2.7899,
-8.1921

■ 199.3890, 26.4302,
-77.5172

■ 254.1850, -0.5842,
0.7148

■ 189.5660, 31.2730,
-90.8274

■ 254.7720, -0.8736,
0.2000

■ 180.0310, 35.9737,
-105.2672

■ 170.2080, 40.8165,
-118.5774

■ 160.9720, 45.3698,
-132.4024

■ 157.3950, 47.1333,
-138.0354

Harmonies

Analogous

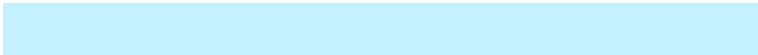
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.7140, 3.5920, -32.1982



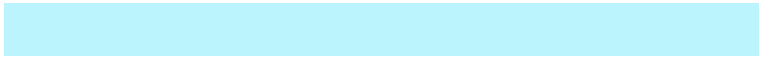
227.9830, 12.3334, -35.9421



229.1410, 12.7485, -29.0647

Triad

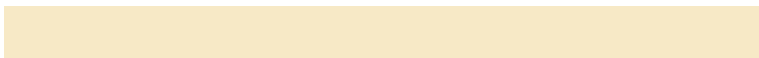
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.9830, 12.3334, -35.9421



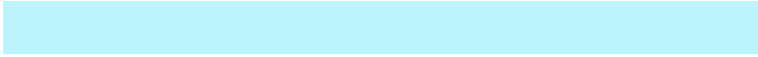
236.3470, 7.2239, 16.3587



233.1960, -17.3516, 12.1061

Complementary

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



227.9830, 12.3334, -35.9421



212.0170, -12.3334, 35.9421

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.



232.5220, -15.0473, 19.7132



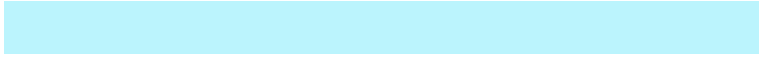
227.9830, 12.3334, -35.9421



233.1210, -0.0597, 19.1879

Square

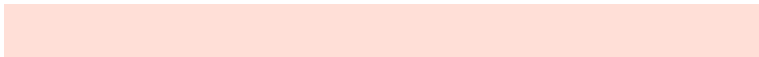
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



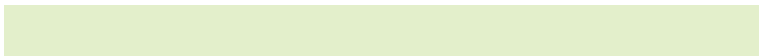
227.9830, 12.3334, -35.9421



235.2530, 9.7353, 4.1631



231.6560, -8.2114, 20.4727



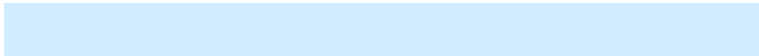
231.3080, -13.9558, -3.7781

Rectangle

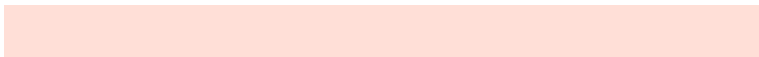
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.9830, 12.3334, -35.9421



230.6800, 11.9898, -19.0134



231.6560, -8.2114, 20.4727



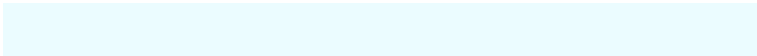
233.8160, -17.6573, 16.8244

Sweetspot

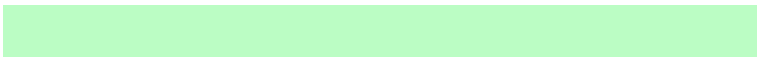
The Sweet Spot groups the original color and five complimentary colors.



227.9830, 12.3334, -35.9421



247.2590, 3.8163, -10.7511



226.7680, -15.1686, -34.8765



122.9390, 2.4951, -6.9625



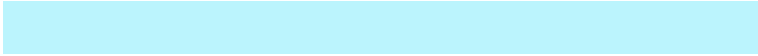
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



227.9830, 12.3334, -35.9421



224.9220, 14.8285, -42.9046



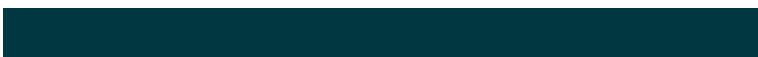
208.6120, 21.8833, -18.9537



122.9390, 2.4951, -6.9625



118.6290, 35.6789, -104.0376



39.5810, 12.0386, -34.7125

Inverse Universe

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



213.2320, 15.1686, 34.8765



207.3730, 18.0571, 41.7689



231.3880, -21.8833, 18.9537



120.1410, 2.8885, 6.8923



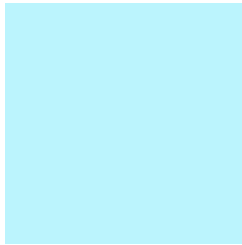
75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 227.9830, 12.3334, -35.9421 looks on a white background.

Color Contrast Check

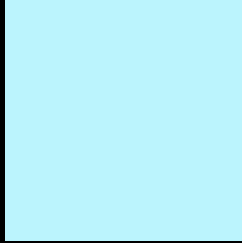
Large Text (above 18pt) WCAG AA × Fail

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 227.9830, 12.3334, -35.9421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

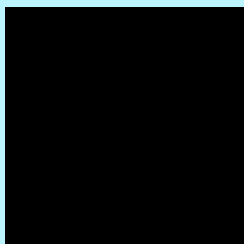
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.9830, 12.3334, -35.9421

Background



This preview shows how black text looks on a background with the YUV color 227.9830, 12.3334, -35.9421.



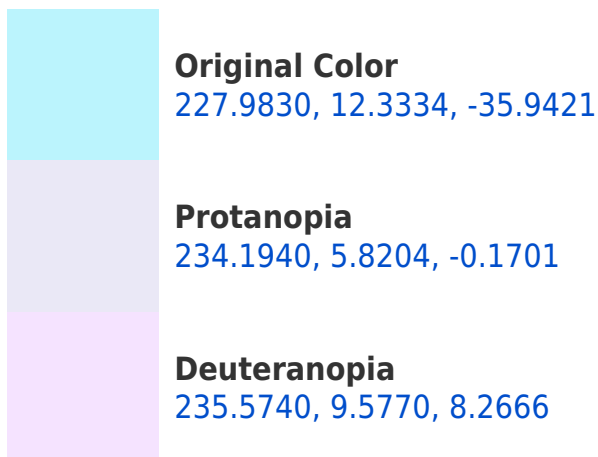
This preview shows how white text looks on a background with the YUV color 227.9830, 12.3334, -35.9421.

-35.9421.

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

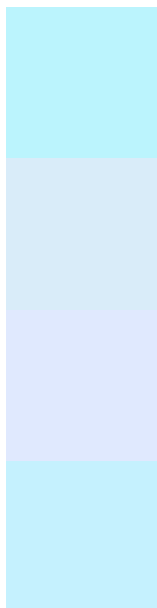




Tritanopia

230.3480, 12.1534, -24.8612

Trichromacy



Original Color

227.9830, 12.3334, -35.9421

Protanomaly

231.8010, 8.4791, -12.9805

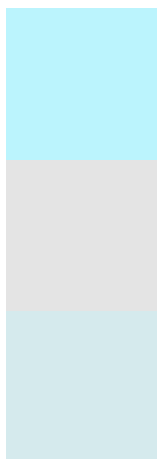
Deuteranomaly

232.7030, 10.4994, -7.6325

Tritanomaly

229.3260, 12.1643, -28.3499

Monochromacy



Original Color

227.9830, 12.3334, -35.9421

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.0630, 4.4059, -13.2103

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.9830, 12.3334, -35.9421 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(187, 244, 253)` looks like.

```
.text, #text, p{  
    color:rgb(187, 244, 253)  
}
```

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(187, 244, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 244, 253) }
```

Border

The CSS property to change the border of an element to YUV 227.9830, 12.3334, -35.9421 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(187, 244, 253) }
```


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

```
.border{ border-color:rgb(187, 244, 253) }
```

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

Here you see how a box with a 4 pixel rgb(187, 244, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 244, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 244, 253);  
box-shadow:4px 4px 4px 4px rgb(187, 244,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 227.9830, 12.3334, -35.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 244, 253) }
```

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

```
.background{ background-color: rgb(187,  
244, 253) }
```

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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