

Converting Colors

YUV(222.9290, 10.8810,
-36.7717)

Have a look what the booklet for
YUV(222.9290, 10.8810, -36.7717)
contains.

YUV(222.9290, 10.8810, -36.7717)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(222.9290, 10.8810,
-36.7717)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F0F5
RGB	181, 240, 245
RGB Percent	71%, 94%, 96%
CMY	0.2902, 0.0588, 0.0392
CMYK	0.26, 0.02, 0.00, 0.04
HSL	185°, 76%, 84%
HSV	185°, 26%, 96%
XYZ	66.6976, 78.7365, 98.0685
YIQ	222.9290, -36.7690, -10.9530

Conversions

Conversions Part 2

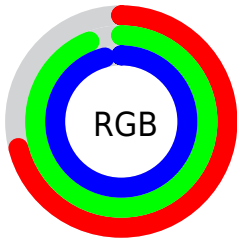
Format	Color
R _Y B	181, 212, 245
Decimal	11923701
CIE Lab	91.11, -17.38, -8.47
CIE LCh	91, 19.336, 205.964
Yxy	78.7365, 0.2739, 0.3233
Android (android.graphics.Color)	4290113781 (0xFFB5F0F5)
YUV	222.9290, 10.8810, -36.7717
Hunter-Lab	88.7336, -21.1123, -3.4139

Details

The YUV color **222.9290, 10.8810, -36.7717** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **203.0710, -10.8810, 36.7717**, and the grayscale version is **223.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.9170, 2.5059, -10.4512**, and **167.2280, 10.7336, -36.1570** is the 20% darker color. If you saturate the color by 10%, you get **214.5790, 14.9976, -50.4968**, and if you desaturate by 10%, it is **231.5780, 6.6170, -22.4319**.

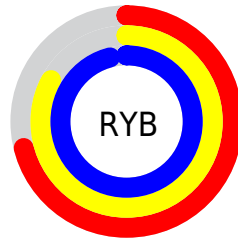
Distribution



Red (71%)

Green (94%)

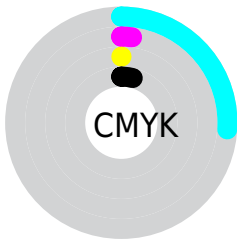
Blue (96%)



Red (71%)

Yellow (83%)

Blue (96%)

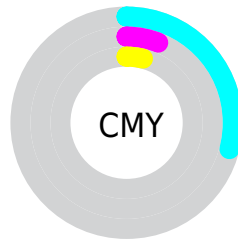


Cyan (26%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.9290, 10.8810, -36.7717 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 222.9290, 10.8810, -36.7717 by changing the saturation by 10% instead.

■ 222.9290, 10.8810,
-36.7717

■ 222.9290, 10.8810,
-36.7717

255.0000, 0.0000,
0.0000

■ 194.9290, 10.8810,
-36.7717

■ 249.9170, 2.5059,
-10.4512

■ 167.2280, 10.7336,
-36.1570

■ 140.5270, 10.5862,
-35.5422

■ 114.5270, 10.5862,
-35.5422

■ 88.2280, 10.7336,
-36.1570

■ 62.4340, 11.6180,
-39.8456

■ 41.2280, 10.7336,

-36.1570

■ 25.8060, 7.4906,
-22.6319

■ 7.6770, 6.5682,
-6.7327

■ 222.9290, 10.8810,
-36.7717

■ 222.9290, 10.8810,
-36.7717

■ 214.5790, 14.9976,
-50.4968

■ 231.5780, 6.6170,
-22.4319

■ 205.9300, 19.2615,
-64.8366

■ 239.9280, 2.5005,
-8.7069

■ 197.5800, 23.3781,
-78.5617

■ 248.5770, -1.7635,
5.6330

■ 188.9310, 27.6420,
-92.9015

■ 249.7510, -2.3422,
4.6034

■ 180.5810, 31.7586,
-106.6265

■ 250.9250, -2.9210,
3.5738

■ 172.5190, 35.7331,
-121.4812

■ 251.5120, -3.2104,
3.0590

■ 164.1690, 39.8497,
-135.2062

■ 252.6860, -3.7892,
2.0294

■ 160.5920, 41.6131,
-140.8392

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

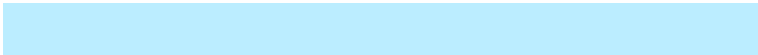
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.8560, 1.5500, -30.5687



222.9290, 10.8810, -36.7717



224.1020, 15.2327, -32.5385

Triad

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



222.9290, 10.8810, -36.7717



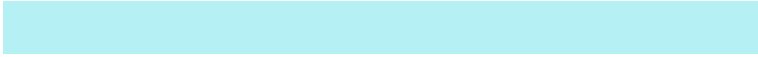
233.1020, 8.8237, 16.5735



229.1040, -17.7993, 15.6948

Complementary

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



222.9290, 10.8810, -36.7717



203.0710, -10.8810, 36.7717

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.



228.6580, -14.6214, 23.1019



222.9290, 10.8810, -36.7717



230.1860, 1.3873, 21.7619

Square

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



222.9290, 10.8810, -36.7717



230.5020, 12.0775, -0.4403



228.6070, -7.2013, 23.1467



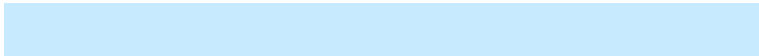
226.9880, -15.2771, 0.0105

Rectangle

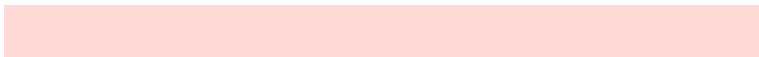
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.9290, 10.8810, -36.7717



225.9290, 14.3320, -23.6167



228.6070, -7.2013, 23.1467



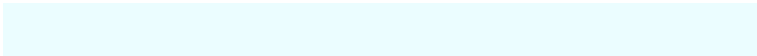
229.8380, -17.6681, 20.3131

Sweetspot

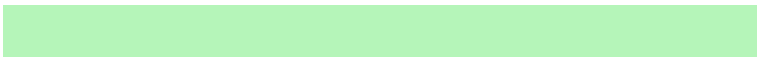
The Sweet Spot groups the original color and five complimentary colors.



222.9290, 10.8810, -36.7717



247.8460, 3.5269, -11.2659



219.0240, -16.7738, -33.3470



123.5260, 2.2057, -7.4773



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.



222.9290, 10.8810, -36.7717



227.8570, 13.3815, -45.4786



204.7320, 19.8521, -20.8130



117.8250, 2.0583, -6.8625



122.1680, 31.4692, -107.1413



38.4240, 10.1440, -33.6978

Inverse Universe

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



206.8620, 16.3370, 33.4470



207.9430, 20.2411, 41.2690



221.2680, -19.8521, 20.8130



114.8420, 3.0359, 6.2776



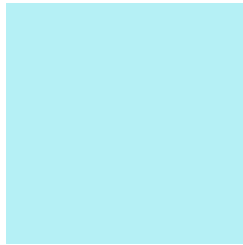
75.2220, 47.7116, 97.1523



23.7970, 14.8901, 30.8730

Previews

White Background



This preview shows how the YUV color 222.9290, 10.8810, -36.7717 looks on a white background.

Color Contrast Check

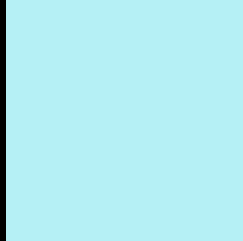
Large Text (above 18pt) WCAG AA × Fail

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 222.9290, 10.8810, -36.7717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

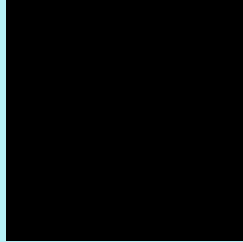
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.9290, 10.8810, -36.7717

Background



This preview shows how black text looks on a background with the YUV color 222.9290, 10.8810, -36.7717.



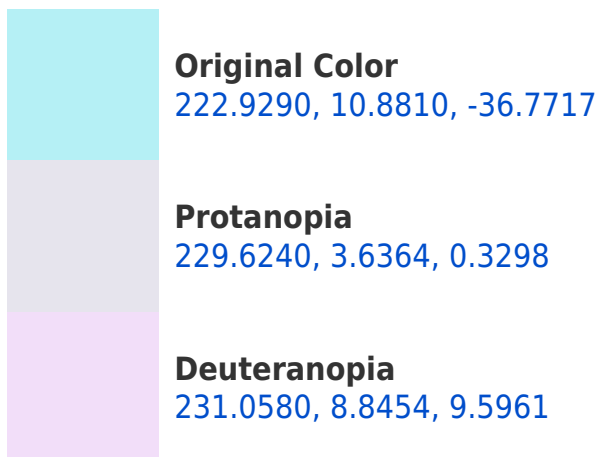
This preview shows how white text looks on a background with the YUV color 222.9290, 10.8810, -36.7717.

-36.7717.

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

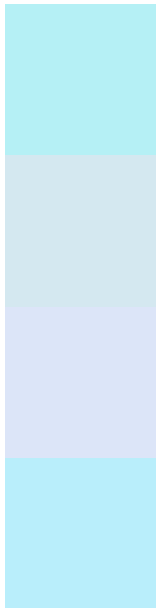




Tritanopia

224.4010, 15.0853, -31.9237

Trichromacy



Original Color

222.9290, 10.8810, -36.7717

Protanomaly

226.9320, 6.4425, -13.0954

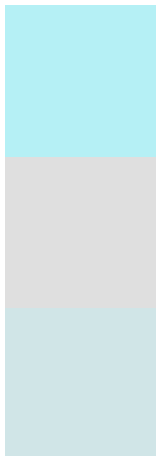
Deuteranomaly

228.4750, 9.6258, -7.4326

Tritanomaly

223.6350, 13.4909, -33.8829

Monochromacy



Original Color

222.9290, 10.8810, -36.7717

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.9490, 3.9691, -13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.9290, 10.8810, -36.7717 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(181, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(181, 240, 245)  
}
```

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(181, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 240, 245) }
```

Border

The CSS property to change the border of an element to YUV 222.9290, 10.8810, -36.7717 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(181, 240, 245) }
```


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

```
.border{ border-color:rgb(181, 240, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 240, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 240, 245);  
box-shadow:4px 4px 4px 4px rgb(181, 240,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 222.9290, 10.8810, -36.7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 240, 245) }
```

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

```
.background{ background-color: rgb(181,  
240, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor