

Converting Colors

YUV(227.8960, 10.8973,
-42.0048)

Have a look what the booklet for
YUV(227.8960, 10.8973, -42.0048)
contains.

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Color

**YUV(227.8960, 10.8973,
-42.0048)**

Conversions

Conversions Part 1

Format	Color
Hex	B4F8FA
RGB	180, 248, 250
RGB Percent	71%, 97%, 98%
CMY	0.2941, 0.0275, 0.0196
CMYK	0.28, 0.01, 0.00, 0.02
HSL	182°, 88%, 84%
HSV	182°, 28%, 98%
XYZ	69.6451, 83.7402, 102.9353
YIQ	227.8960, -41.1700, -13.7940

Conversions

Conversions Part 2

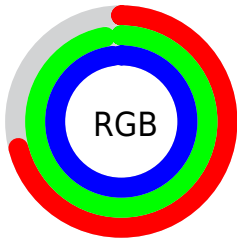
Format	Color
R _Y B	180, 214, 250
Decimal	11860218
CIE Lab	93.34, -20.51, -7.78
CIE LCh	93, 21.938, 200.762
Yxy	83.7402, 0.2717, 0.3267
Android (android.graphics.Color)	4290050298 (0xFFB4F8FA)
YUV	227.8960, 10.8973, -42.0048
Hunter-Lab	91.5097, -24.2913, -2.6360

Details

The YUV color $227.8960, 10.8973, -42.0048$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $202.1040, -10.8973, 42.0048$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.6180, 2.6533, -11.0660$, and $171.6080, 11.0393, -40.8752$ is the 20% darker color. If you saturate the color by 10%, you get $219.8340, 14.8718, -56.8594$, and if you desaturate by 10%, it is $235.9580, 6.9227, -27.1502$.

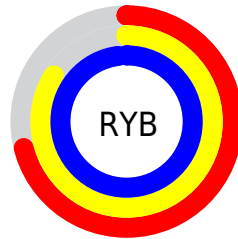
Distribution



Red (71%)

Green (97%)

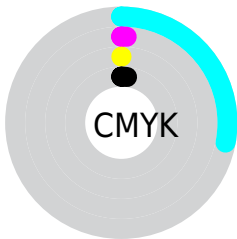
Blue (98%)



Red (71%)

Yellow (84%)

Blue (98%)

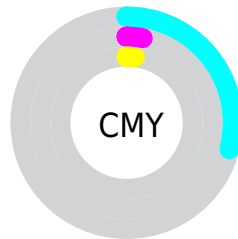


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (3%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.8960, 10.8973, -42.0048 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 227.8960, 10.8973, -42.0048 by changing the saturation by 10% instead.

■ 227.8960, 10.8973,
-42.0048

■ 227.8960, 10.8973,
-42.0048

255.0000, 0.0000,
0.0000

■ 199.1950, 10.7499,
-41.3900

■ 249.6180, 2.6533,
-11.0660

■ 171.6080, 11.0393,
-40.8752

■ 144.4940, 10.6025,
-40.7752

■ 118.1950, 10.7499,
-41.3900

■ 91.7110, 11.4815,
-42.7195

■ 64.0090, 12.8136,
-49.9969

■ 45.2060, 10.7444,

-39.6457

■ 29.7840, 7.5015,
-26.1206

■ 15.0630, 4.4059,
-13.2103

■ 227.8960, 10.8973,
-42.0048

■ 227.8960, 10.8973,
-42.0048

■ 219.8340, 14.8718,
-56.8594

■ 235.9580, 6.9227,
-27.1502

■ 212.3590, 18.5570,
-72.2288

■ 243.4330, 3.2375,
-11.7807

■ 204.2970, 22.5316,
-87.0835

■ 251.4950, -0.7370,
3.0739

■ 196.2350, 26.5061,
-101.9381

■ 252.0820, -1.0264,
2.5591

■ 188.1730, 30.4807,
-116.7927

■ 252.6690, -1.3158,
2.0443

■ 180.6980, 34.1659,
-132.1621

■ 253.2560, -1.6052,
1.5295

■ 172.6360, 38.1405,
-147.0168

■ 253.8430, -1.8946,
1.0147

■ 171.1410, 38.8775,
-150.0907

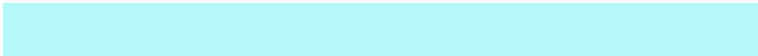
Harmonies

Analogous

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



228.6770, -0.3338, -33.0427



227.8960, 10.8973, -42.0048



227.9010, 13.3598, -38.5012

Triad

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



227.8960, 10.8973, -42.0048



237.9770, 8.3923, 14.9292



234.6590, -19.5519, 17.8391

Complementary

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



227.8960, 10.8973, -42.0048



202.1040, -10.8973, 42.0048

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.



232.1630, -13.8844, 20.0280



227.8960, 10.8973, -42.0048



234.2610, 4.3083, 18.1881

Square

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



227.8960, 10.8973, -42.0048



234.9100, 9.9044, -3.4291



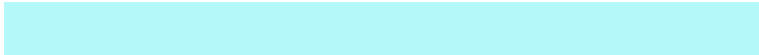
231.8670, -4.8644, 20.2876



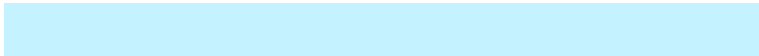
233.5000, -18.4875, 3.0695

Rectangle

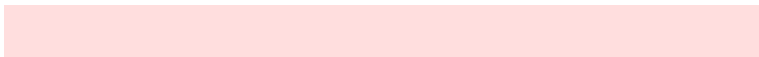
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.8960, 10.8973, -42.0048



229.7280, 12.4591, -29.5795



231.8670, -4.8644, 20.2876



233.7130, -18.0995, 18.6687

Sweetspot

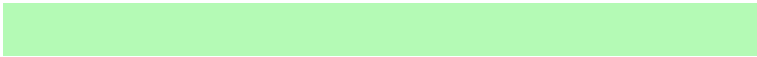
The Sweet Spot groups the original color and five complimentary colors.



227.8960, 10.8973, -42.0048



248.4330, 3.2375, -11.7807



221.2040, -19.8206, -36.1359



123.5260, 2.2057, -7.4773



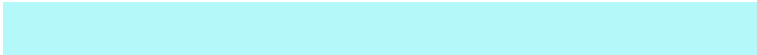
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



227.8960, 10.8973, -42.0048



227.8130, 13.4032, -52.4560



207.9380, 20.7366, -24.5016



121.1130, 1.9163, -7.9921



128.9670, 29.5963, -113.1041



41.5870, 9.5706, -36.4718

Inverse Universe

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



208.6820, 19.3838, 36.2359



203.7030, 24.3034, 44.9875



222.0620, -20.7366, 24.5016



117.3690, 3.7621, 6.6924



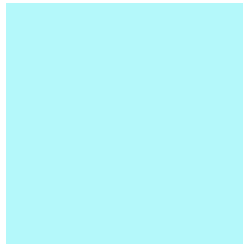
77.3730, 52.0741, 97.8969



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 227.8960, 10.8973, -42.0048 looks on a white background.

Color Contrast Check

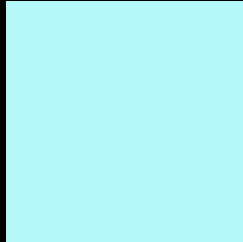
Large Text (above 18pt) WCAG AA × Fail

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 227.8960, 10.8973, -42.0048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

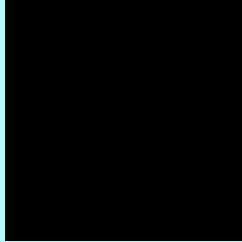
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.8960, 10.8973, -42.0048

Background



This preview shows how black text looks on a background with the YUV color 227.8960, 10.8973, -42.0048.



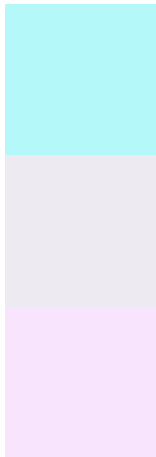
This preview shows how white text looks on a background with the YUV color 227.8960, 10.8973, -42.0048.

-42.0048.

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

227.8960, 10.8973, -42.0048

Protanopia

235.6950, 2.6154, 1.1445

Deuteranopia

237.2430, 8.2612, 10.3109



Tritanopia

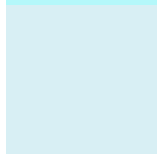
232.1200, 11.2798, -24.6612

Trichromacy



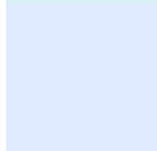
Original Color

227.8960, 10.8973, -42.0048



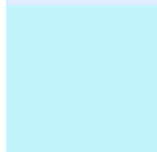
Protanomaly

232.6930, 5.5744, -14.6398



Deuteranomaly

233.7630, 9.4838, -8.5622



Tritanomaly

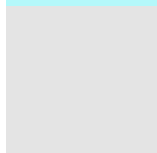
230.3750, 11.1541, -31.0239

Monochromacy



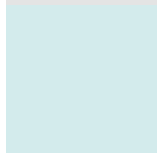
Original Color

227.8960, 10.8973, -42.0048



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.9380, 3.9746, -14.8546

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.8960, 10.8973, -42.0048 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(180, 248, 250)` looks like.

```
.text, #text, p{  
    color:rgb(180, 248, 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(180, 248, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 248, 250) }
```

Border

The CSS property to change the border of an element to YUV 227.8960, 10.8973, -42.0048 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(180, 248, 250) }
```


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

```
.border{ border-color:rgb(180, 248, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 248, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 248, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 248, 250);  
box-shadow:4px 4px 4px 4px rgb(180, 248,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 227.8960, 10.8973, -42.0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 248, 250) }
```

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

```
.background{ background-color: rgb(180,  
248, 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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