

Converting Colors

YUV(227.7290, 4.0776,
-47.9973)

Have a look what the booklet for
YUV(227.7290, 4.0776, -47.9973)
contains.

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Color

**YUV(227.7290, 4.0776,
-47.9973)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFEEC
RGB	173, 254, 236
RGB Percent	68%, 100%, 93%
CMY	0.3216, 0.0039, 0.0745
CMYK	0.32, 0.00, 0.07, 0.00
HSL	167°, 98%, 84%
HSV	167°, 32%, 100%
XYZ	67.8157, 85.8240, 92.3483
YIQ	227.7290, -42.4980, -22.7700

Conversions

Conversions Part 2

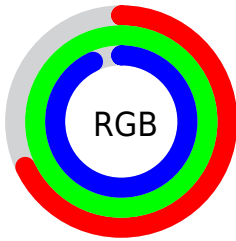
Format	Color
RYB	173, 219, 254
Decimal	11402988
CIELab	94.24, -28.37, 0.75
CIElCh	94, 28.382, 178.489
Yxy	85.8240, 0.2757, 0.3489
Android (android.graphics.Color)	4289593068 (0xFFADFEEC)
YUV	227.7290, 4.0776, -47.9973
Hunter-Lab	92.6412, -31.4557, 5.7463

Details

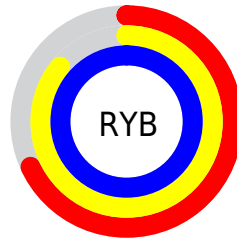
The YUV color **227.7290, 4.0776, -47.9973** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **199.2710, -4.0776, 47.9973**, and the grayscale version is **228.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.5250, 3.6852, -15.3694**, and **171.4410, 4.2196, -46.8678** is the 20% darker color. If you saturate the color by 10%, you get **219.5700, 5.1420, -62.7669**, and if you desaturate by 10%, it is **235.8880, 3.0132, -33.2278**.

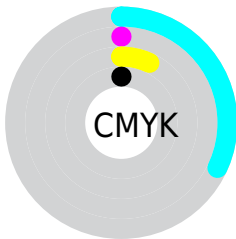
Distribution



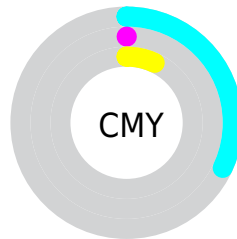
- Red (68%)
- Green (100%)
- Blue (93%)



- Red (68%)
- Yellow (86%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.7290, 4.0776, -47.9973 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 227.7290, 4.0776, -47.9973 by changing the saturation by 10% instead.

■ 227.7290, 4.0776,
-47.9973

■ 227.7290, 4.0776,
-47.9973

255.0000, 0.0000,
0.0000

■ 199.1420, 4.3670,
-47.4825

■ 247.5250, 3.6852,
-15.3694

■ 171.4410, 4.2196,
-46.8678

■ 144.1420, 4.3670,
-47.4825

■ 117.3700, 5.2406,
-47.6825

■ 90.2880, 6.2670,
-50.2416

■ 63.0100, 7.8831,
-55.2598

■ 46.3000, 4.7821,

-40.6051

■ 30.2910, 1.8285,
-26.5652

■ 15.5700, -1.2670,
-13.6549

■ 227.7290, 4.0776,
-47.9973

■ 227.7290, 4.0776,
-47.9973

■ 219.5700, 5.1420,
-62.7669

■ 235.8880, 3.0132,
-33.2278

■ 211.2260, 6.7906,
-78.2512

■ 244.2320, 1.3646,
-17.7435

■ 203.0670, 7.8550,
-93.0208

■ 252.3910, 0.3002,
-2.9739

■ 194.6090, 9.0668,
-108.4051

■ 254.4130, 0.2894,
0.5148

■ 186.5640, 10.5679,
-123.2746

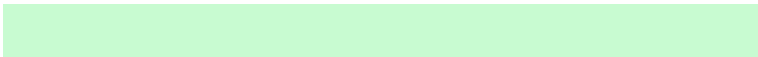
■ 178.4050, 11.6323,
-138.0442

■ 171.6700, 12.9807,
-150.5546

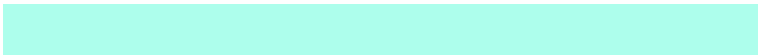
Harmonies

Analogous

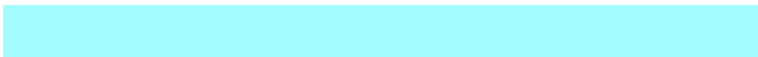
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.9630, -10.8278, -27.1546



227.7290, 4.0776, -47.9973



225.7200, 14.4350, -56.7594

Triad

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



227.7290, 4.0776, -47.9973



237.3130, 8.7197, 3.2335



231.4960, -18.9785, 20.6130

Complementary

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



227.7290, 4.0776, -47.9973



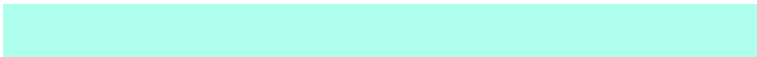
199.2710, -4.0776, 47.9973

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.



230.3680, -8.0694, 21.6023



227.7290, 4.0776, -47.9973



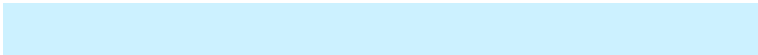
236.2160, 9.2605, 16.4736

Square

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



227.7290, 4.0776, -47.9973



231.5330, 11.5692, -24.1464



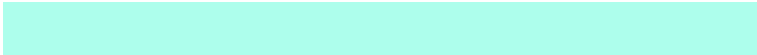
232.2720, 4.3029, 19.9325



235.7530, -25.5142, 16.8796

Rectangle

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



227.7290, 4.0776, -47.9973



226.0410, 14.2768, -52.6560



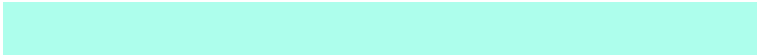
232.2720, 4.3029, 19.9325



230.4190, -15.4896, 21.5575

Sweetspot

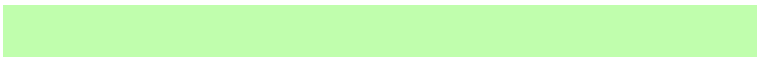
The Sweet Spot groups the original color and five complimentary colors.



227.7290, 4.0776, -47.9973



246.8410, 1.0644, -14.7696



226.2280, -26.2414, -30.0180



122.7600, 0.6113, -9.4365



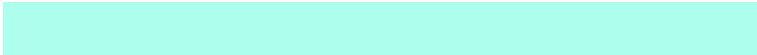
0.0000, 0.0000, 0.0000



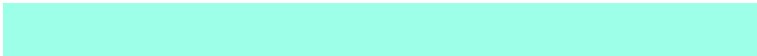
128.0000, 0.0000, 0.0000

Same Dimension

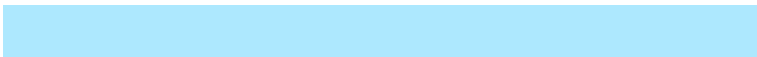
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.7290, 4.0776, -47.9973



223.4890, 4.6889, -57.4339



216.8670, 18.3066, -38.4714



123.7710, 0.6059, -7.6922



129.1030, 9.8092, -113.2233



43.2680, 3.3189, -37.9460

Inverse Universe

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



199.2710, -4.0776, 47.9973



189.5110, -4.6889, 57.4339



210.1330, -18.3066, 38.4714



119.2290, -0.6059, 7.6922



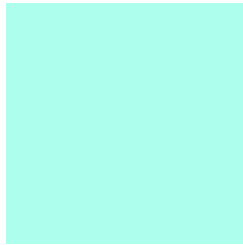
62.0110, -9.3724, 113.1234



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 227.7290, 4.0776, -47.9973 looks on a white background.

Color Contrast Check

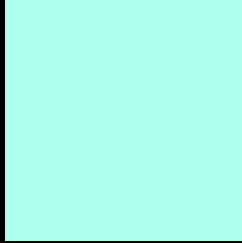
Large Text (above 18pt) WCAG AA × Fail

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 227.7290, 4.0776, -47.9973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

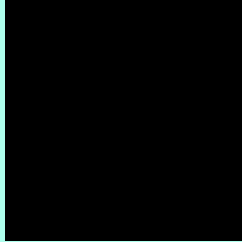
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 227.7290, 4.0776, -47.9973

Background



This preview shows how black text looks on a background with the YUV color 227.7290, 4.0776, -47.9973.



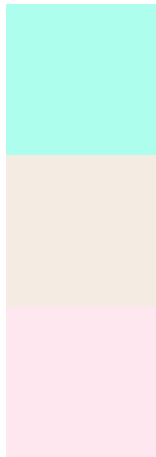
This preview shows how white text looks on a background with the YUV color 227.7290, 4.0776, -47.9973.

-47.9973.

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

227.7290, 4.0776, -47.9973

Protanopia

237.2520, -5.5472, 5.9180

Deuteranopia

239.2020, 0.3934, 13.8548



Tritanopia

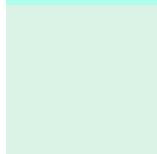
234.7890, 9.9640, -22.6170

Trichromacy



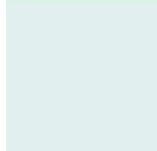
Original Color

227.7290, 4.0776, -47.9973



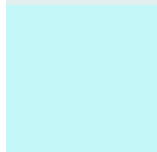
Protanomaly

234.0430, -1.9932, -14.0697



Deuteranomaly

234.8140, 2.0637, -8.6069



Tritanomaly

232.4520, 7.6652, -31.9684

Monochromacy



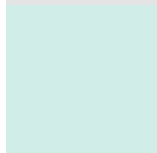
Original Color

227.7290, 4.0776, -47.9973



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

227.6450, 1.6540, -17.2287

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.7290, 4.0776, -47.9973 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(173, 254, 236)` looks like.

```
.text, #text, p{  
    color:rgb(173, 254, 236)  
}
```

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(173, 254, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 254, 236) }
```

Border

The CSS property to change the border of an element to YUV 227.7290, 4.0776, -47.9973 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(173, 254, 236) }
```


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

```
.border{ border-color:rgb(173, 254, 236) }
```

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

Here you see how a box with a 4 pixel rgb(173, 254, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 254, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 254, 236);  
box-shadow:4px 4px 4px 4px rgb(173, 254,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 227.7290, 4.0776, -47.9973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 254, 236) }
```

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

```
.background{ background-color: rgb(173,  
254, 236) }
```

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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