

Converting Colors

YUV(232.5170, 5.6611,
-42.5494)

Have a look what the booklet for
YUV(232.5170, 5.6611, -42.5494)
contains.

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Color

**YUV(232.5170, 5.6611,
-42.5494)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFF4
RGB	184, 255, 244
RGB Percent	72%, 100%, 96%
CMY	0.2784, 0.0000, 0.0431
CMYK	0.28, 0.00, 0.04, 0.00
HSL	171°, 100%, 86%
HSV	171°, 28%, 100%
XYZ	71.8563, 88.2420, 98.8331
YIQ	232.5170, -38.7850, -18.4730

Conversions

Conversions Part 2

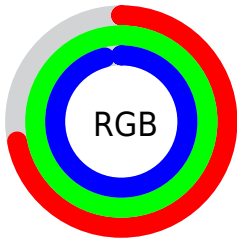
Format	Color
RYB	184, 222, 255
Decimal	12124148
CIELab	95.26, -24.09, -1.81
CIELCh	95, 24.159, 184.308
Yxy	88.2420, 0.2775, 0.3408
Android (android.graphics.Color)	4290314228 (0xFFB8FFF4)
YUV	232.5170, 5.6611, -42.5494
Hunter-Lab	93.9372, -27.8484, 3.3759

Details

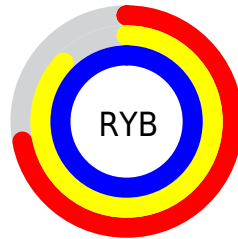
The YUV color $232.5170, 5.6611, -42.5494$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $206.4830, -5.6611, 42.5494$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, 2.0637, -8.6069$, and $176.2290, 5.8031, -41.4198$ is the 20% darker color. If you saturate the color by 10%, you get $224.5860, 7.5991, -57.5189$, and if you desaturate by 10%, it is $240.7470, 3.5757, -26.9651$.

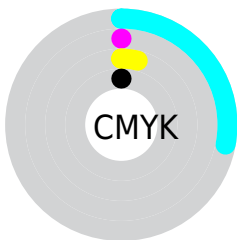
Distribution



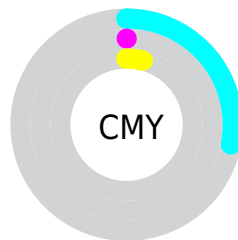
- Red (72%)
- Green (100%)
- Blue (96%)



- Red (72%)
- Yellow (87%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.5170, 5.6611, -42.5494 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 232.5170, 5.6611, -42.5494 by changing the saturation by 10% instead.

232.5170, 5.6611,
-42.5494

232.5170, 5.6611,
-42.5494

255.0000, 0.0000,
0.0000

203.9300, 5.9505,
-42.0346

250.8140, 2.0637,
-8.6069

176.2290, 5.8031,
-41.4198

149.2290, 5.8031,
-41.4198

122.3430, 6.2399,
-41.5198

96.0440, 6.3873,
-42.1346

69.3640, 7.7085,
-45.9232

47.5710, 7.1135,

-41.7198

■ 31.5620, 4.1599,
-27.6799

■ 18.1290, 0.9224,
-15.8991

■ 232.5170, 5.6611,
-42.5494

■ 232.5170, 5.6611,
-42.5494

■ 224.5860, 7.5991,
-57.5189

■ 240.7470, 3.5757,
-26.9651

■ 216.3560, 9.6845,
-73.1032

■ 248.6780, 1.6377,
-11.9956

■ 208.1260, 11.7699,
-88.6875

255.0000, 0.0000,
0.0000

■ 200.1950, 13.7079,
-103.6570

■ 192.2640, 15.6458,
-118.6265

■ 184.0340, 17.7312,
-134.2108

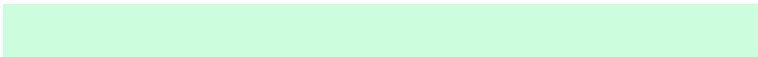
■ 176.1030, 19.6692,
-149.1803

■ 174.1950, 20.1169,
-152.7690

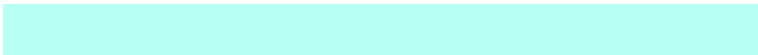
Harmonies

Analogous

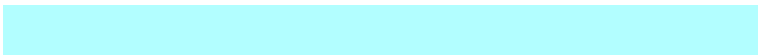
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.5870, -7.1914, -26.8248



232.5170, 5.6611, -42.5494



231.3900, 11.6397, -46.8230

Triad

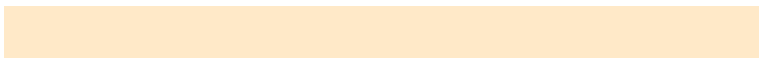
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.5170, 5.6611, -42.5494



241.1780, 6.8142, 7.7369



235.8160, -17.6573, 16.8244

Complementary

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



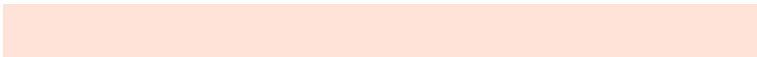
232.5170, 5.6611, -42.5494



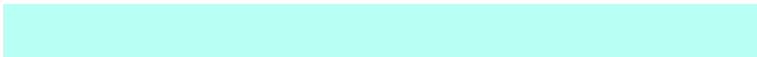
206.4830, -5.6611, 42.5494

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.



234.1180, -8.9322, 18.3135



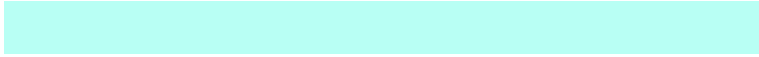
232.5170, 5.6611, -42.5494



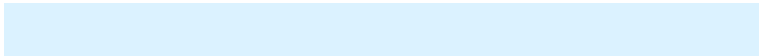
239.1510, 7.8136, 13.8996

Square

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



232.5170, 5.6611, -42.5494



236.6050, 9.0687, -15.4396



235.5660, 1.6930, 17.0436



239.9420, -22.1564, 13.2059

Rectangle

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



232.5170, 5.6611, -42.5494



231.7220, 11.4761, -40.9752



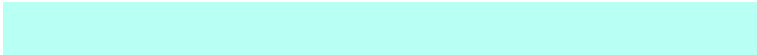
235.5660, 1.6930, 17.0436



235.0980, -15.3313, 17.4541

Sweetspot

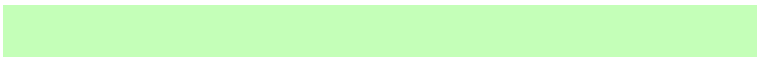
The Sweet Spot groups the original color and five complimentary colors.



232.5170, 5.6611, -42.5494



248.6780, 1.6377, -11.9956



229.2650, -22.3156, -29.1734



123.8850, 1.0427, -7.7921



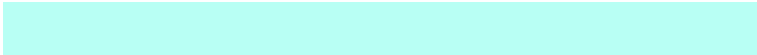
0.0000, 0.0000, 0.0000



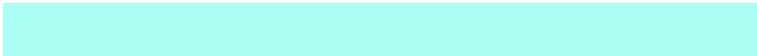
128.0000, 0.0000, 0.0000

Same Dimension

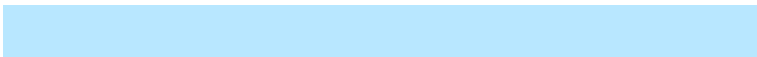
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.5170, 5.6611, -42.5494



228.4020, 6.7038, -50.3416



219.6830, 17.4113, -31.2940



123.8850, 1.0427, -7.7921



130.5850, 15.4876, -114.5230



43.7240, 5.0661, -38.3459

Inverse Universe

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



206.4830, -5.6611, 42.5494



197.5980, -6.7038, 50.3416



219.3170, -17.4113, 31.2940



119.1150, -1.0427, 7.7921



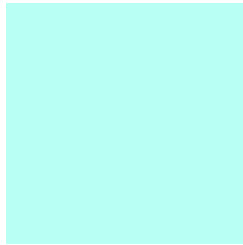
60.5290, -15.0508, 114.4231



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 232.5170, 5.6611, -42.5494 looks on a white background.

Color Contrast Check

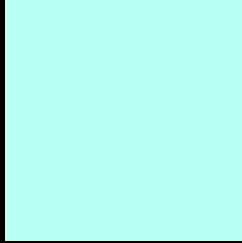
Large Text (above 18pt) WCAG AA × Fail

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 232.5170, 5.6611, -42.5494 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 232.5170, 5.6611, -42.5494 Background



This preview shows how black text looks on a background with the YUV color 232.5170, 5.6611, -42.5494.



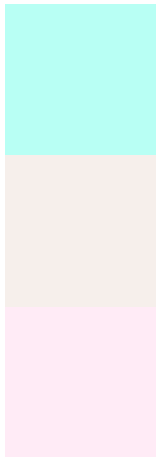
This preview shows how white text looks on a background with the YUV color 232.5170, 5.6611, -42.5494.

-42.5494.

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

232.5170, 5.6611, -42.5494

Protanopia

240.6370, -2.7790, 4.7034

Deuteranopia

242.2340, 1.8566, 11.1958



Tritanopia

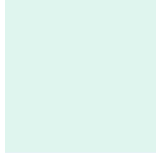
238.3660, 8.2006, -16.9840

Trichromacy



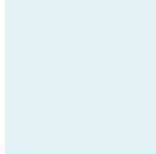
Original Color

232.5170, 5.6611, -42.5494



Protanomaly

237.6240, 0.1854, -12.8252



Deuteranomaly

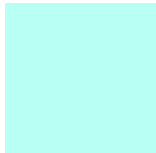
238.4550, 3.2267, -8.2920



Tritanomaly

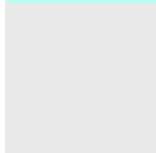
236.3710, 7.2121, -26.6354

Monochromacy



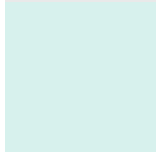
Original Color

232.5170, 5.6611, -42.5494



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

232.7700, 2.0854, -15.5843

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.5170, 5.6611, -42.5494 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(184, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 244)  
}
```

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(184, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 244) }
```

Border

The CSS property to change the border of an element to YUV 232.5170, 5.6611, -42.5494 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(184, 255, 244) }
```


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

```
.border{ border-color:rgb(184, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 255, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 255, 244); box-shadow:4px 4px 4px 4px rgb(184, 255, 244) }
```

Background

The CSS property to change the background color of an element to YUV 232.5170, 5.6611, -42.5494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 244) }
```

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

```
.background{ background-color: rgb(184,  
255, 244) }
```

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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