

Converting Colors

YUV(224.2230, 4.8201,
-52.8156)

Have a look what the booklet for
YUV(224.2230, 4.8201, -52.8156)
contains.

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Color

**YUV(224.2230, 4.8201,
-52.8156)**

Conversions

Conversions Part 1

Format	Color
Hex	A4FDEA
RGB	164, 253, 234
RGB Percent	64%, 99%, 92%
CMY	0.3569, 0.0078, 0.0824
CMYK	0.35, 0.00, 0.08, 0.01
HSL	167°, 96%, 82%
HSV	167°, 35%, 99%
XYZ	65.2864, 84.0836, 90.6307
YIQ	224.2230, -46.9450, -24.7770

Conversions

Conversions Part 2

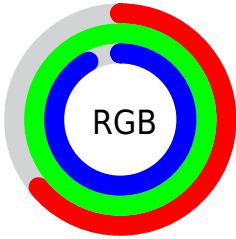
Format	Color
RYB	164, 214, 253
Decimal	10812906
CIELab	93.49, -30.76, 0.64
CIELCh	93, 30.770, 178.816
Yxy	84.0836, 0.2720, 0.3503
Android (android.graphics.Color)	4289002986 (0xFFA4FDEA)
YUV	224.2230, 4.8201, -52.8156
Hunter-Lab	91.6971, -33.3817, 5.5875

Details

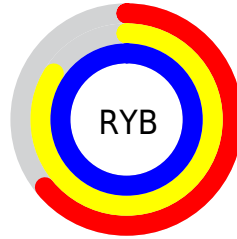
The YUV color **224.2230, 4.8201, -52.8156** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **192.7770, -4.8201, 52.8156**, and the grayscale version is **224.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1330, 4.8644, -20.2876**, and **167.6360, 5.1095, -52.3008** is the 20% darker color. If you saturate the color by 10%, you get **216.1780, 6.3212, -67.6851**, and if you desaturate by 10%, it is **232.2680, 3.3189, -37.9460**.

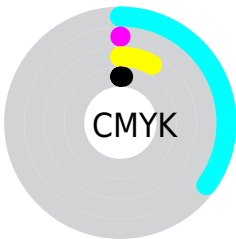
Distribution



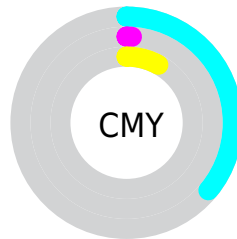
- Red (64%)
- Green (99%)
- Blue (92%)



- Red (64%)
- Yellow (84%)
- Blue (99%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (1%)



- Cyan (36%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.2230, 4.8201, -52.8156 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 224.2230, 4.8201, -52.8156 by changing the saturation by 10% instead.

224.2230, 4.8201,
-52.8156

224.2230, 4.8201,
-52.8156

255.0000, 0.0000,
0.0000

195.6360, 5.1095,
-52.3008

245.1330, 4.8644,
-20.2876

167.6360, 5.1095,
-52.3008

253.8040, 0.5896,
-2.4591

140.4510, 5.6937,
-53.0155

112.9670, 6.4253,
-54.3451

83.4930, 8.6310,
-61.8224

62.1950, 7.2989,
-54.5450

45.4850, 4.1979,

-39.8903

■ 29.5900, 1.6811,
-25.9504

■ 13.4670, -1.7092,
-11.8106

■ 224.2230, 4.8201,
-52.8156

■ 224.2230, 4.8201,
-52.8156

■ 216.1780, 6.3212,
-67.6851

■ 232.2680, 3.3189,
-37.9460

■ 207.7200, 7.5330,
-83.0694

■ 240.7260, 2.1071,
-22.5617

■ 199.6750, 9.0342,
-97.9390

■ 248.7710, 0.6059,
-7.6922

■ 191.5160, 10.0986,
-112.7085

■ 253.8260, 0.5788,
1.0296

■ 183.4710, 11.5998,
-127.5781

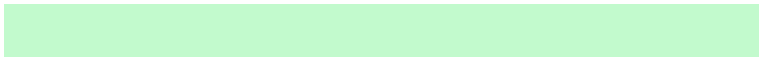
■ 175.1270, 13.2484,
-143.0624

■ 171.1970, 13.7069,
-150.1398

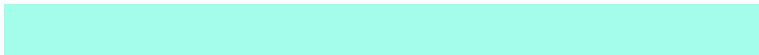
Harmonies

Analogous

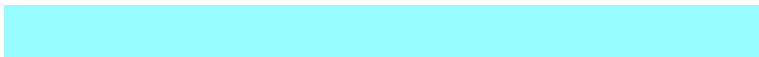
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.1260, -11.4011, -29.9285



224.2230, 4.8201, -52.8156



221.8440, 16.3459, -63.0072

Triad

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



224.2230, 4.8201, -52.8156



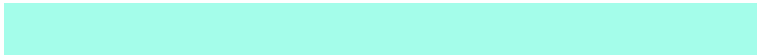
235.2530, 9.7353, 4.1631



229.0510, -20.7311, 22.7573

Complementary

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



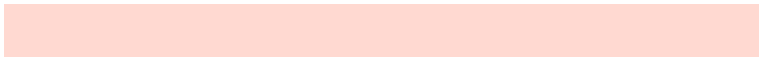
224.2230, 4.8201, -52.8156



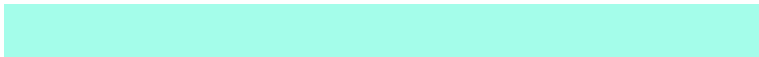
192.7770, -4.8201, 52.8156

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.



227.4500, -9.0958, 24.1614



224.2230, 4.8201, -52.8156



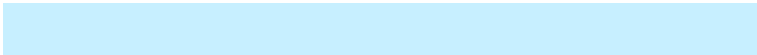
234.4550, 10.1287, 18.0180

Square

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



224.2230, 4.8201, -52.8156



228.8640, 12.8850, -26.1907



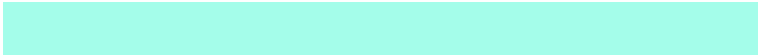
229.6960, 4.5869, 22.1916



233.7810, -27.9930, 18.6091

Rectangle

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



224.2230, 4.8201, -52.8156



222.4640, 16.0402, -58.2889



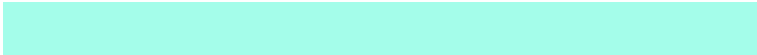
229.6960, 4.5869, 22.1916



227.9740, -17.2422, 23.7018

Sweetspot

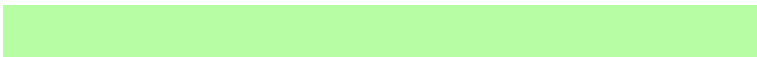
The Sweet Spot groups the original color and five complimentary colors.



224.2230, 4.8201, -52.8156



245.9440, 1.5066, -16.6139



221.9240, -28.5565, -34.1363



122.4610, 0.7587, -10.0513



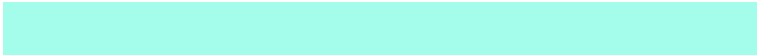
0.0000, 0.0000, 0.0000



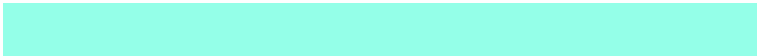
128.0000, 0.0000, 0.0000

Same Dimension

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



224.2230, 4.8201, -52.8156



220.3850, 5.7262, -63.4816



211.7140, 20.3540, -41.8452



123.7710, 0.6059, -7.6922



129.2170, 10.2460, -113.3233



43.2680, 3.3189, -37.9460

Inverse Universe

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



192.7770, -4.8201, 52.8156



182.6150, -5.7262, 63.4816



205.2860, -20.3540, 41.8452



119.1150, -1.0427, 7.7921



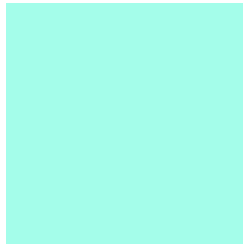
61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 224.2230, 4.8201, -52.8156 looks on a white background.

Color Contrast Check

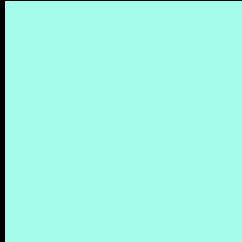
Large Text (above 18pt) WCAG AA × Fail

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 224.2230, 4.8201, -52.8156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

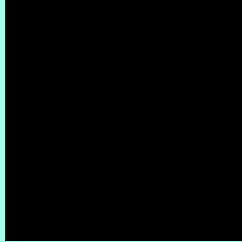
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

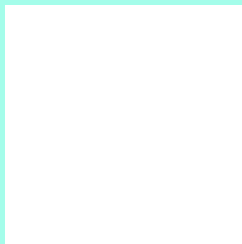
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.2230, 4.8201, -52.8156

Background



This preview shows how black text looks on a background with the YUV color 224.2230, 4.8201, -52.8156.



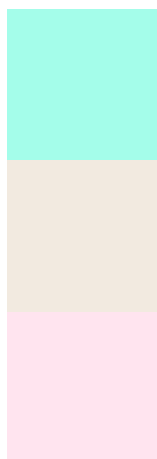
This preview shows how white text looks on a background with the YUV color 224.2230, 4.8201, -52.8156.

-52.8156.

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

224.2230, 4.8201, -52.8156

Protanopia

235.2520, -5.5472, 5.9180

Deuteranopia

237.3270, 0.8248, 15.4992



Tritanopia

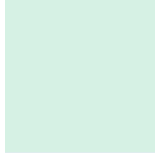
231.8100, 11.4327, -27.0204

Trichromacy



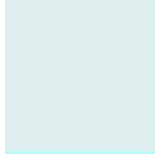
Original Color

224.2230, 4.8201, -52.8156



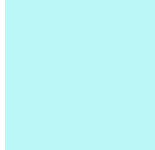
Protanomaly

231.4450, -1.6984, -15.2993



Deuteranomaly

232.5150, 2.2111, -9.2217



Tritanomaly

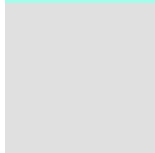
229.3590, 8.6970, -36.2718

Monochromacy



Original Color

224.2230, 4.8201, -52.8156



Achromatopsia

224.0000, 0.0000, 0.0000



Achromatomaly

224.3350, 1.8068, -19.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.2230, 4.8201, -52.8156 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(164, 253, 234)` looks like.

```
.text, #text, p{  
    color:rgb(164, 253, 234)  
}
```

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(164, 253, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 253, 234) }
```

Border

The CSS property to change the border of an element to YUV 224.2230, 4.8201, -52.8156 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(164, 253, 234) }
```


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

```
.border{ border-color:rgb(164, 253, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 253, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 253, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 253, 234); box-shadow:4px 4px 4px 4px rgb(164, 253, 234) }
```

Background

The CSS property to change the background color of an element to YUV 224.2230, 4.8201, -52.8156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 253, 234) }
```

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

```
.background{ background-color: rgb(164,  
253, 234) }
```

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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