

Converting Colors

YUV(222.4350, 3.2365,
-58.2635)

Have a look what the booklet for
YUV(222.4350, 3.2365, -58.2635)
contains.

YUV(222.4350, 3.2365, -58.2635)	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(222.4350, 3.2365,
-58.2635)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFFE5
RGB	156, 255, 229
RGB Percent	61%, 100%, 90%
CMY	0.3882, 0.0000, 0.1020
CMYK	0.39, 0.00, 0.10, 0.00
HSL	164°, 100%, 81%
HSV	164°, 39%, 100%
XYZ	63.6132, 84.2451, 87.0369
YIQ	222.4350, -50.6580, -29.0740

Conversions

Conversions Part 2

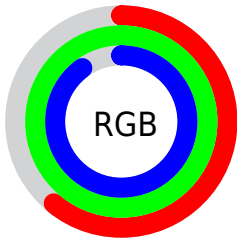
Format	Color
RYB	156, 213, 255
Decimal	10289125
CIELab	93.56, -34.87, 3.28
CIElCh	94, 35.021, 174.631
Yxy	84.2451, 0.2708, 0.3586
Android (android.graphics.Color)	4288479205 (0xFF9CFE5)
YUV	222.4350, 3.2365, -58.2635
Hunter-Lab	91.7851, -36.9116, 8.0268

Details

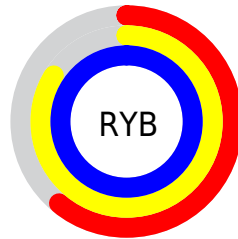
The YUV color $222.4350, 3.2365, -58.2635$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $188.5650, -3.2365, 58.2635$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.7410, 6.0437, -25.2059$, and $165.6630, 4.1101, -58.4635$ is the 20% darker color. If you saturate the color by 10%, you get $214.1620, 3.8641, -72.9331$, and if you desaturate by 10%, it is $231.0070, 2.4615, -42.9791$.

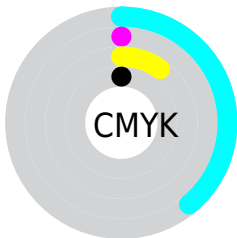
Distribution



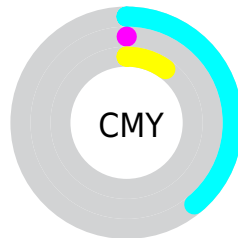
- Red (61%)
- Green (100%)
- Blue (90%)



- Red (61%)
- Yellow (84%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.4350, 3.2365, -58.2635 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 222.4350, 3.2365, -58.2635 by changing the saturation by 10% instead.

222.4350, 3.2365,
-58.2635

222.4350, 3.2365,
-58.2635

255.0000, 0.0000,
0.0000

193.8480, 3.5259,
-57.7487

242.7410, 6.0437,
-25.2059

165.6630, 4.1101,
-58.4635

251.4120, 1.7689,
-7.3773

137.4780, 4.6943,
-59.1782

109.0970, 5.8682,
-62.3521

79.7370, 8.5107,
-69.9293

62.3260, 5.2623,
-54.6599

45.6160, 2.1613,

-40.0052

■ 29.7210, -0.3555,
-26.0653

■ 12.7830, -4.3300,
-11.2107

■ 222.4350, 3.2365,
-58.2635

■ 222.4350, 3.2365,
-58.2635

■ 214.1620, 3.8641,
-72.9331

■ 231.0070, 2.4615,
-42.9791

■ 205.7040, 5.0759,
-88.3174

■ 239.1660, 1.3972,
-28.2096

■ 197.4310, 5.7035,
-102.9870

■ 247.7380, 0.6222,
-12.9252

■ 188.8590, 6.4785,
-118.2713

■ 255.0000, 0.0000,
0.0000

■ 180.7000, 7.5429,
-133.0409

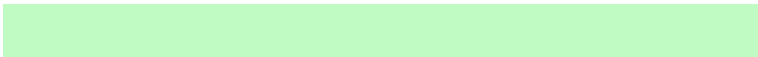
■ 172.1280, 8.3179,
-148.3253

■ 171.1170, 8.3233,
-150.0696

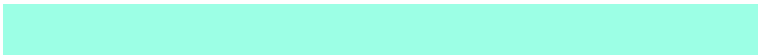
Harmonies

Analogous

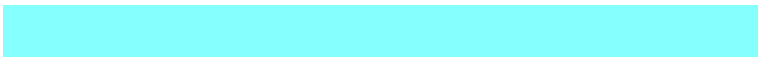
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.3880, -15.4743, -30.1583



222.4350, 3.2365, -58.2635



218.8210, 17.8362, -74.3880

Triad

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



222.4350, 3.2365, -58.2635



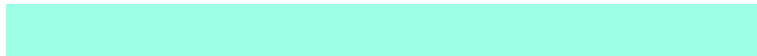
233.7470, 10.4777, -0.6551



226.8340, -21.6102, 24.7016

Complementary

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



222.4350, 3.2365, -58.2635



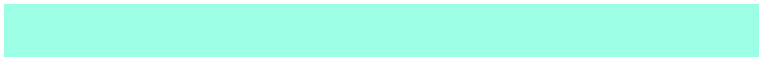
188.5650, -3.2365, 58.2635

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.



225.2160, -7.5015, 26.1206



222.4350, 3.2365, -58.2635



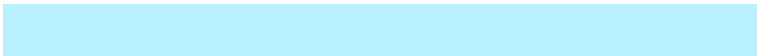
233.8680, 10.4181, 18.5328

Square

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



222.4350, 3.2365, -58.2635



225.8520, 14.3700, -35.8272



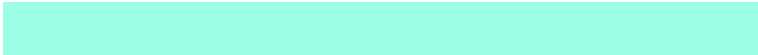
228.5050, 7.6390, 23.2361



231.6950, -30.9086, 20.4385

Rectangle

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



222.4350, 3.2365, -58.2635



217.9570, 18.2622, -70.9993



228.5050, 7.6390, 23.2361



225.9850, -17.2476, 25.4462

Sweetspot

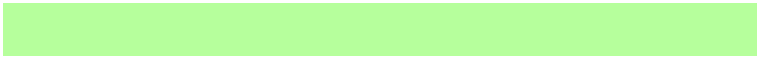
The Sweet Spot groups the original color and five complimentary colors.



222.4350, 3.2365, -58.2635



244.8190, 1.0752, -18.2583



221.8870, -32.4823, -34.9809



122.0480, 0.4693, -10.5661



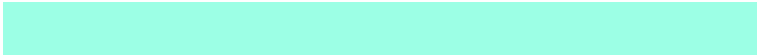
0.0000, 0.0000, 0.0000



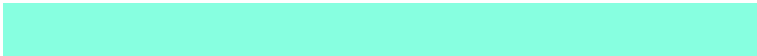
128.0000, 0.0000, 0.0000

Same Dimension

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



222.4350, 3.2365, -58.2635



215.5860, 4.1481, -70.6739



211.8980, 21.2493, -49.0225



123.6570, 0.1691, -7.5922



128.1910, 6.3148, -112.4235



42.9260, 2.0085, -37.6461

Inverse Universe

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



188.5650, -3.2365, 58.2635



174.5280, -3.7113, 70.5739



199.1020, -21.2493, 49.0225



119.2290, -0.6059, 7.6922



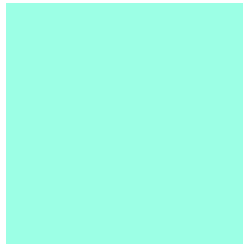
62.8090, -6.3148, 112.4235



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 222.4350, 3.2365, -58.2635 looks on a white background.

Color Contrast Check

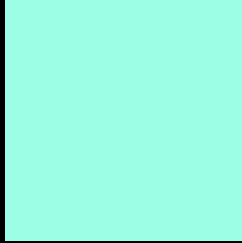
Large Text (above 18pt) WCAG AA × Fail

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 222.4350, 3.2365, -58.2635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

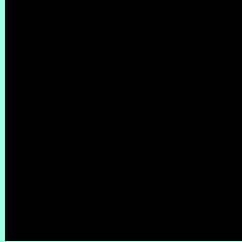
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.4350, 3.2365, -58.2635

Background



This preview shows how black text looks on a background with the YUV color 222.4350, 3.2365, -58.2635.



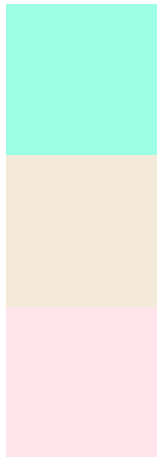
This preview shows how white text looks on a background with the YUV color 222.4350, 3.2365, -58.2635.

-58.2635.

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

222.4350, 3.2365, -58.2635

Protanopia

235.1660, -8.4628, 7.7474

Deuteranopia

237.4580, -1.2118, 15.3843



Tritanopia

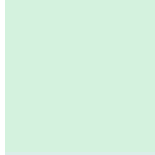
231.5110, 11.5801, -27.6351

Trichromacy



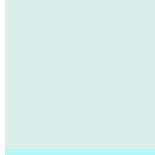
Original Color

222.4350, 3.2365, -58.2635



Protanomaly

230.7500, -4.3137, -16.4438



Deuteranomaly

231.7490, 0.6167, -11.1809



Tritanomaly

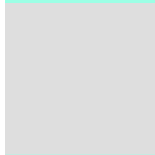
228.0490, 8.8498, -38.6310

Monochromacy



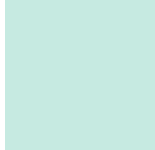
Original Color

222.4350, 3.2365, -58.2635



Achromatopsia

222.0000, 0.0000, 0.0000



Achromatomaly

222.2100, 1.3755, -21.2322

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.4350, 3.2365, -58.2635 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(156, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(156, 255, 229)  
}
```

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(156, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 255, 229) }
```

Border

The CSS property to change the border of an element to YUV 222.4350, 3.2365, -58.2635 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(156, 255, 229) }
```


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

```
.border{ border-color:rgb(156, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(156, 255,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 222.4350, 3.2365, -58.2635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 255, 229) }
```

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

```
.background{ background-color: rgb(156,  
255, 229) }
```

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