

Converting Colors

YUV(221.3910, 6.7092,
-52.0859)

Have a look what the booklet for
YUV(221.3910, 6.7092, -52.0859)
contains.

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Color

**YUV(221.3910, 6.7092,
-52.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F9EB
RGB	162, 249, 235
RGB Percent	64%, 98%, 92%
CMY	0.3647, 0.0235, 0.0784
CMYK	0.35, 0.00, 0.06, 0.02
HSL	170°, 88%, 81%
HSV	170°, 35%, 98%
XYZ	63.7714, 81.4309, 90.9539
YIQ	221.3910, -47.3580, -22.7980

Conversions

Conversions Part 2

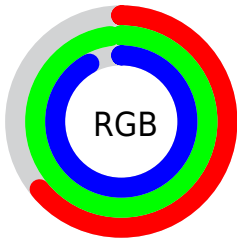
Format	Color
R _Y B	162, 209, 249
Decimal	10680811
CIE Lab	92.32, -29.19, -1.59
CIE LCh	92, 29.231, 183.126
Yxy	81.4309, 0.2700, 0.3448
Android (android.graphics.Color)	4288870891 (0xFFA2F9EB)
YUV	221.3910, 6.7092, -52.0859
Hunter-Lab	90.2391, -31.7736, 3.4077

Details

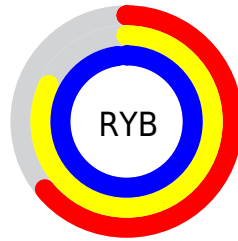
The YUV color **221.3910, 6.7092, -52.0859** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **189.6090, -6.7092, 52.0859**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2360, 5.3067, -22.1320**, and **164.8040, 6.9986, -51.5711** is the 20% darker color. If you saturate the color by 10%, you get **213.4600, 8.6472, -67.0554**, and if you desaturate by 10%, it is **229.3220, 4.7713, -37.1164**.

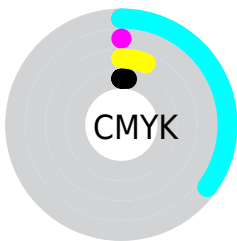
Distribution



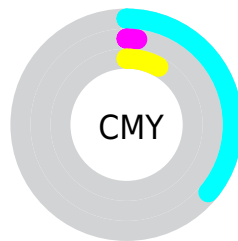
- Red (64%)
- Green (98%)
- Blue (92%)



- Red (64%)
- Yellow (82%)
- Blue (98%)



- Cyan (35%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (36%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.3910, 6.7092, -52.0859 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 221.3910, 6.7092, -52.0859 by changing the saturation by 10% instead.

221.3910, 6.7092,
-52.0859

221.3910, 6.7092,
-52.0859

255.0000, 0.0000,
0.0000

192.8040, 6.9986,
-51.5711

244.2360, 5.3067,
-22.1320

164.8040, 6.9986,
-51.5711

253.2060, 0.8844,
-3.6887

137.6190, 7.5828,
-52.2859

110.1350, 8.3144,
-53.6154

80.6500, 10.5255,
-62.8371

60.5480, 8.6038,
-53.1006

43.8380, 5.5029,

-38.4459

■ 27.9430, 2.9861,
-24.5060

■ 10.7600, 0.6113,
-9.4365

■ 221.3910, 6.7092,
-52.0859

■ 221.3910, 6.7092,
-52.0859

■ 213.4600, 8.6472,
-67.0554

■ 229.3220, 4.7713,
-37.1164

■ 205.5290, 10.5852,
-82.0249

■ 237.2530, 2.8333,
-22.1469

■ 197.5980, 12.5232,
-96.9944

■ 245.1840, 0.8953,
-7.1774

■ 189.6670, 14.4612,
-111.9640

■ 251.0220, -0.0108,
3.4887

■ 181.7360, 16.3992,
-126.9335

■ 251.4780, 1.7363,
3.0888

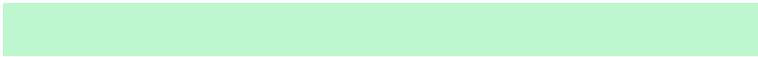
■ 174.1040, 18.1897,
-141.2882

■ 169.9890, 19.2324,
-149.0804

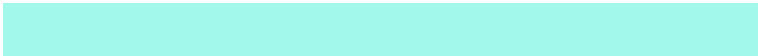
Harmonies

Analogous

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



224.7990, -8.7749, -32.2727



221.3910, 6.7092, -52.0859



220.3930, 17.0613, -59.1037

Triad

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



221.3910, 6.7092, -52.0859



233.2040, 10.7454, 6.8371



228.1220, -21.7521, 23.5720

Complementary

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



221.3910, 6.7092, -52.0859



189.6090, -6.7092, 52.0859

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.



225.7060, -10.7011, 25.6908



221.3910, 6.7092, -52.0859



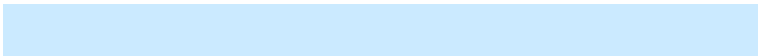
232.1070, 11.2862, 20.0772

Square

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



221.3910, 6.7092, -52.0859



227.1250, 13.7424, -21.1576



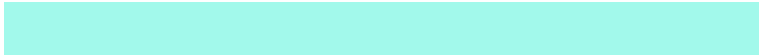
227.6100, 1.6713, 24.0210



231.4110, -26.8246, 17.1796

Rectangle

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



221.3910, 6.7092, -52.0859



221.0240, 16.7502, -52.6410



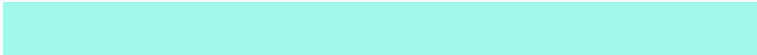
227.6100, 1.6713, 24.0210



226.9310, -18.7000, 24.6165

Sweetspot

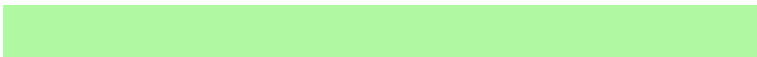
The Sweet Spot groups the original color and five complimentary colors.



221.3910, 6.7092, -52.0859



247.0690, 1.9380, -14.9695



217.2550, -27.2407, -36.1806



122.8740, 1.0481, -9.5365



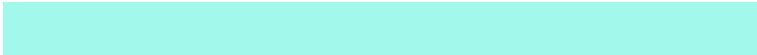
0.0000, 0.0000, 0.0000



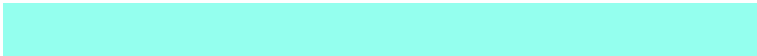
128.0000, 0.0000, 0.0000

Same Dimension

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



221.3910, 6.7092, -52.0859



221.0690, 8.3470, -64.0815



205.9640, 21.2167, -38.5564



120.8850, 1.0427, -7.7921



128.9550, 14.3192, -113.0935



41.6210, 4.6238, -36.5016

Inverse Universe

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



189.6090, -6.7092, 52.0859



181.9310, -8.3470, 64.0815



205.0360, -21.2167, 38.5564



116.1150, -1.0427, 7.7921



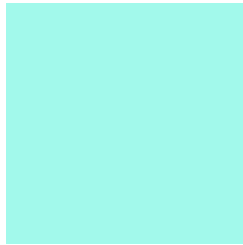
59.9310, -14.7560, 113.1935



19.3790, -4.6238, 36.5016

Previews

White Background



This preview shows how the YUV color 221.3910, 6.7092, -52.0859 looks on a white background.

Color Contrast Check

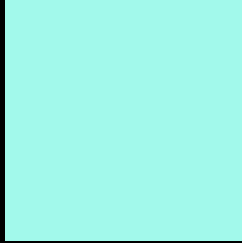
Large Text (above 18pt) WCAG AA × Fail

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 221.3910, 6.7092, -52.0859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

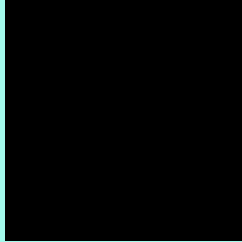
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.3910, 6.7092, -52.0859

Background



This preview shows how black text looks on a background with the YUV color 221.3910, 6.7092, -52.0859.



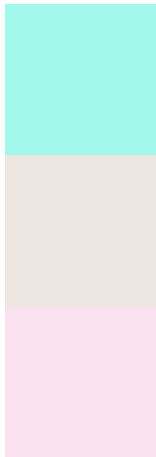
This preview shows how white text looks on a background with the YUV color 221.3910, 6.7092,

-52.0859.

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

221.3910, 6.7092, -52.0859

Protanopia

232.4090, -3.6526, 4.9033

Deuteranopia

234.4840, 2.7194, 14.4845



Tritanopia

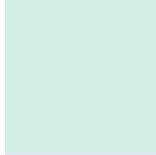
227.6460, 13.4855, -32.1385

Trichromacy



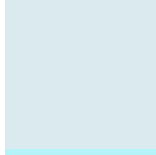
Original Color

221.3910, 6.7092, -52.0859



Protanomaly

228.6020, 0.1962, -16.3140



Deuteranomaly

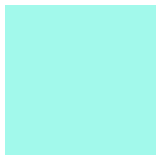
229.9710, 3.9583, -9.6216



Tritanomaly

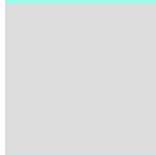
225.3200, 11.1812, -39.7456

Monochromacy



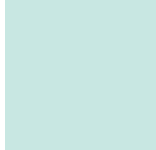
Original Color

221.3910, 6.7092, -52.0859



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.1610, 2.3856, -18.5582

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.3910, 6.7092, -52.0859 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(162, 249, 235)` looks like.

```
.text, #text, p{  
    color:rgb(162, 249, 235)  
}
```

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(162, 249, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 249, 235) }
```

Border

The CSS property to change the border of an element to YUV 221.3910, 6.7092, -52.0859 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(162, 249, 235) }
```


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

```
.border{ border-color:rgb(162, 249, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 249, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 249, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 249, 235);  
box-shadow:4px 4px 4px 4px rgb(162, 249,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 221.3910, 6.7092, -52.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 249, 235) }
```

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

```
.background{ background-color: rgb(162,  
249, 235) }
```

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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