

Converting Colors

YUV(221.1780, 9.7722,
-54.5301)

Have a look what the booklet for
YUV(221.1780, 9.7722, -54.5301)
contains.

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Color

**YUV(221.1780, 9.7722,
-54.5301)**

Conversions

Conversions Part 1

Format	Color
Hex	9FF9F1
RGB	159, 249, 241
RGB Percent	62%, 98%, 95%
CMY	0.3765, 0.0235, 0.0549
CMYK	0.36, 0.00, 0.03, 0.02
HSL	175°, 88%, 80%
HSV	175°, 36%, 98%
XYZ	64.0509, 81.4732, 95.5691
YIQ	221.1780, -51.0720, -21.5680

Conversions

Conversions Part 2

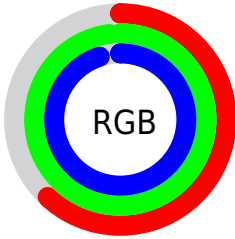
Format	Color
R _Y B	159, 206, 249
Decimal	10484209
CIE Lab	92.34, -28.63, -4.70
CIE LCh	92, 29.012, 189.313
Yxy	81.4732, 0.2657, 0.3379
Android (android.graphics.Color)	4288674289 (0xFF9FF9F1)
YUV	221.1780, 9.7722, -54.5301
Hunter-Lab	90.2625, -31.2944, 0.4080

Details

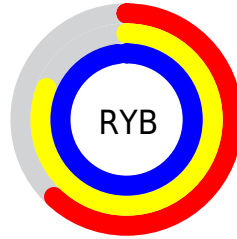
The YUV color **221.1780, 9.7722, -54.5301** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **186.8220, -9.7722, 54.5301**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.6380, 5.6015, -23.3615**, and **164.5910, 10.0616, -54.0153** is the 20% darker color. If you saturate the color by 10%, you get **213.4750, 12.5838, -69.6996**, and if you desaturate by 10%, it is **228.8810, 6.9607, -39.3606**.

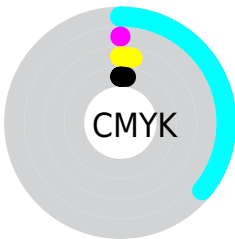
Distribution



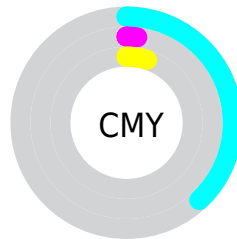
- Red (62%)
- Green (98%)
- Blue (95%)



- Red (62%)
- Yellow (81%)
- Blue (98%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.1780, 9.7722, -54.5301 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 221.1780, 9.7722, -54.5301 by changing the saturation by 10% instead.

221.1780, 9.7722,
-54.5301

221.1780, 9.7722,
-54.5301

255.0000, 0.0000,
0.0000

192.5910, 10.0616,
-54.0153

243.6380, 5.6015,
-23.3615

164.5910, 10.0616,
-54.0153

252.3090, 1.3267,
-5.5330

136.9930, 10.3565,
-55.2449

108.9110, 11.3829,
-57.8039

78.5290, 14.0362,
-68.8699

61.1180, 10.7878,
-53.6005

44.4080, 7.6869,

-38.9458

■ 28.3990, 4.7333,
-24.9059

■ 11.4440, 3.2321,
-10.0364

■ 221.1780, 9.7722,
-54.5301

■ 221.1780, 9.7722,
-54.5301

■ 213.4750, 12.5838,
-69.6996

■ 228.8810, 6.9607,
-39.3606

■ 205.7720, 15.3954,
-84.8690

■ 236.5840, 4.1491,
-24.1912

■ 197.9550, 17.7702,
-99.9385

■ 244.4010, 1.7743,
-9.1217

■ 190.2520, 20.5818,
-115.1080

■ 250.9080, -0.4476,
3.5887

■ 182.5490, 23.3933,
-130.2775

■ 251.1360, 0.4260,
3.3887

■ 175.1450, 26.0575,
-144.8322

■ 251.3640, 1.2995,
3.1888

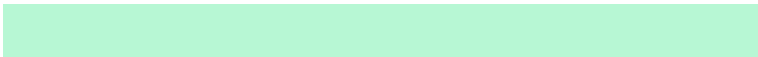
■ 172.0410, 27.0948,
-150.8800

■ 251.4780, 1.7363,
3.0888

Harmonies

Analogous

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



223.8740, -5.8539, -35.8465



221.1780, 9.7722, -54.5301



220.4040, 17.0558, -57.3593

Triad

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



221.1780, 9.7722, -54.5301



234.4220, 10.1450, 12.7849



229.0680, -23.2045, 22.7424

Complementary

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



221.1780, 9.7722, -54.5301



186.8220, -9.7722, 54.5301

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.



226.3100, -13.4638, 25.1611



221.1780, 9.7722, -54.5301



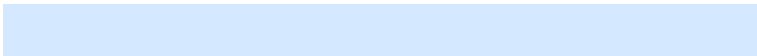
231.2920, 10.7020, 20.7919

Square

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



221.1780, 9.7722, -54.5301



229.2290, 12.7051, -15.1098



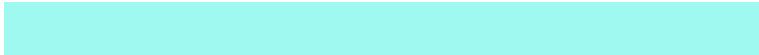
226.9260, -0.9495, 24.6209



230.9050, -26.0822, 12.3613

Rectangle

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



221.1780, 9.7722, -54.5301



221.9320, 16.3025, -49.0524



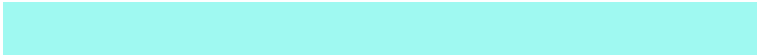
226.9260, -0.9495, 24.6209



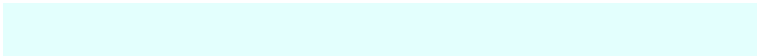
227.7630, -20.5892, 23.8868

Sweetspot

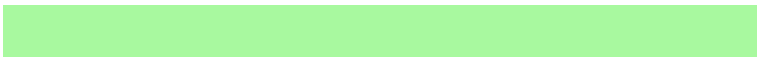
The Sweet Spot groups the original color and five complimentary colors.



221.1780, 9.7722, -54.5301



246.4000, 3.2538, -17.0138



214.5210, -27.3719, -40.7989



122.6890, 1.6323, -10.2513



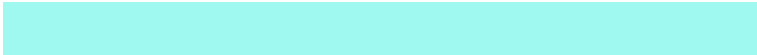
0.0000, 0.0000, 0.0000



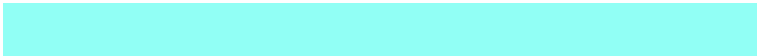
128.0000, 0.0000, 0.0000

Same Dimension

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



221.1780, 9.7722, -54.5301



220.9700, 11.8468, -66.6257



200.9580, 23.6847, -36.7972



120.9990, 1.4795, -7.8921



130.5510, 20.4344, -114.4932



42.1910, 6.8078, -37.0015

Inverse Universe

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



186.8220, -9.7722, 54.5301



179.0300, -11.8468, 66.6257



207.0420, -23.6847, 36.7972



116.1150, -1.0427, 7.7921



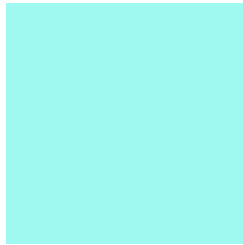
58.4490, -20.4344, 114.4932



18.8090, -6.8078, 37.0015

Previews

White Background



This preview shows how the YUV color 221.1780, 9.7722, -54.5301 looks on a white background.

Color Contrast Check

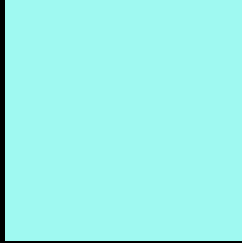
Large Text (above 18pt) WCAG AA × Fail

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 221.1780, 9.7722, -54.5301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

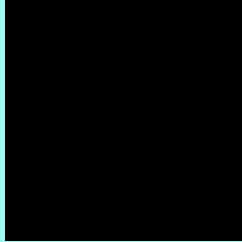
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.1780, 9.7722, -54.5301

Background



This preview shows how black text looks on a background with the YUV color 221.1780, 9.7722, -54.5301.



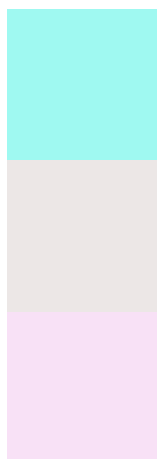
This preview shows how white text looks on a background with the YUV color 221.1780, 9.7722,

-54.5301.

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

221.1780, 9.7722, -54.5301

Protanopia

232.3810, -1.1738, 3.1739

Deuteranopia

234.2710, 5.7824, 12.0403



Tritanopia

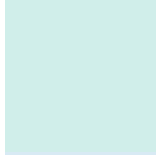
227.3470, 13.6329, -32.7533

Trichromacy



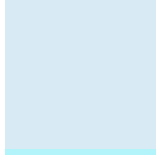
Original Color

221.1780, 9.7722, -54.5301



Protanomaly

228.5740, 2.6750, -18.0434



Deuteranomaly

229.7580, 7.0213, -12.0658



Tritanomaly

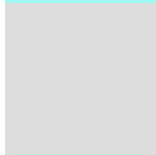
225.2490, 12.2022, -40.5604

Monochromacy



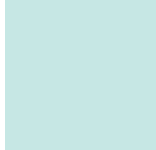
Original Color

221.1780, 9.7722, -54.5301



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

220.7910, 3.5540, -19.9877

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.1780, 9.7722, -54.5301 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(159, 249, 241)` looks like.

```
.text, #text, p{  
    color:rgb(159, 249, 241)  
}
```

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(159, 249, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 249, 241) }
```

Border

The CSS property to change the border of an element to YUV 221.1780, 9.7722, -54.5301 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(159, 249, 241) }
```


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

```
.border{ border-color:rgb(159, 249, 241) }
```

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

Here you see how a box with a 4 pixel rgb(159, 249, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 249, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 249, 241);  
box-shadow:4px 4px 4px 4px rgb(159, 249,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 221.1780, 9.7722, -54.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 249, 241) }
```

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

```
.background{ background-color: rgb(159,  
249, 241) }
```

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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