

Converting Colors

YUV(214.3470, 3.2799,
-72.2183)

Have a look what the booklet for
YUV(214.3470, 3.2799, -72.2183)
contains.

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Color

**YUV(214.3470, 3.2799,
-72.2183)**

Conversions

Conversions Part 1

Format	Color
Hex	84FFDD
RGB	132, 255, 221
RGB Percent	52%, 100%, 87%
CMY	0.4824, 0.0000, 0.1333
CMYK	0.48, 0.00, 0.13, 0.00
HSL	163°, 100%, 76%
HSV	163°, 48%, 100%
XYZ	58.3269, 81.6460, 81.0917
YIQ	214.3470, -62.3940, -36.6500

Conversions

Conversions Part 2

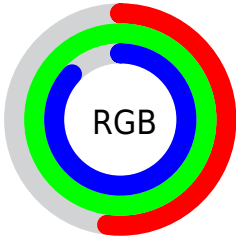
Format	Color
RYB	132, 203, 255
Decimal	8716253
CIELab	92.42, -42.43, 5.64
CIELCh	92, 42.800, 172.427
Yxy	81.6460, 0.2638, 0.3693
Android (android.graphics.Color)	4286906333 (0xFF84FFDD)
YUV	214.3470, 3.2799, -72.2183
Hunter-Lab	90.3582, -42.9037, 10.0411

Details

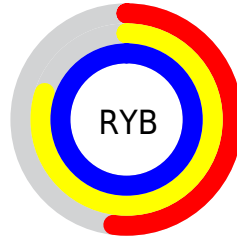
The YUV color $214.3470, 3.2799, -72.2183$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $172.6530, -3.2799, 72.2183$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.8640, 9.4340, -39.3457$, and $156.0800, 4.8906, -75.4922$ is the 20% darker color. If you saturate the color by 10%, you get $206.0740, 3.9075, -86.8879$, and if you desaturate by 10%, it is $222.9190, 2.5049, -56.9340$.

Distribution



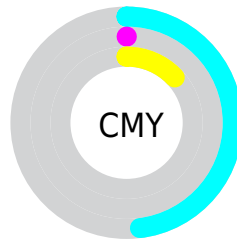
- Red (52%)
- Green (100%)
- Blue (87%)



- Red (52%)
- Yellow (80%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.3470, 3.2799, -72.2183 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 214.3470, 3.2799, -72.2183 by changing the saturation by 10% instead.

214.3470, 3.2799,
-72.2183

214.3470, 3.2799,
-72.2183

255.0000, 0.0000,
0.0000

185.1620, 3.8641,
-72.9331

235.8640, 9.4340,
-39.3457

156.0800, 4.8906,
-75.4922

244.8340, 5.0118,
-20.9024

125.0190, 7.3856,
-82.4547

253.8040, 0.5896,
-2.4591

96.9370, 8.4121,
-85.0137

78.9390, 5.4531,
-69.2295

60.9410, 2.4941,
-53.4453

44.3450, -0.1701,

-38.8906

■ 28.5640, -2.2501,
-25.0506

■ 9.3920, -4.6303,
-8.2368

■ 214.3470, 3.2799,
-72.2183

■ 214.3470, 3.2799,
-72.2183

■ 206.0740, 3.9075,
-86.8879

■ 222.9190, 2.5049,
-56.9340

■ 197.5020, 4.6825,
-102.1723

■ 231.1920, 1.8773,
-42.2644

■ 189.2290, 5.3101,
-116.8418

■ 239.7640, 1.1023,
-26.9800

■ 180.6570, 6.0851,
-132.1262

■ 248.0370, 0.4748,
-12.3104

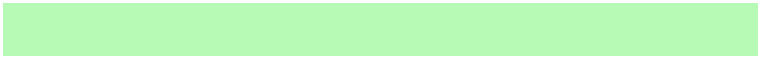
■ 172.3840, 6.7127, 255.0000, 0.0000,
-146.7958 0.0000

■ 170.7750, 7.0129,
-149.7697

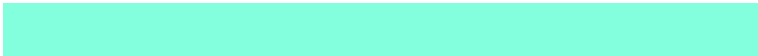
Harmonies

Analogous

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



221.9160, -19.6786, -35.0063



214.3470, 3.2799, -72.2183



205.9640, 24.1747, -100.8234

Triad

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



214.3470, 3.2799, -72.2183



228.7080, 12.9620, -4.1289



220.6560, -24.9734, 30.1197

Complementary

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



214.3470, 3.2799, -72.2183



172.6530, -3.2799, 72.2183

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.



218.6620, -7.2284, 31.8684



214.3470, 3.2799, -72.2183



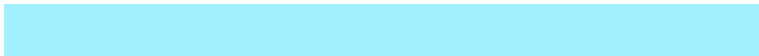
229.7590, 12.4438, 22.1364

Square

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



214.3470, 3.2799, -72.2183



217.7900, 18.3445, -50.6818



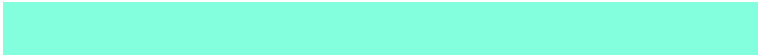
223.3360, 10.6804, 27.7693



226.8220, -36.8872, 24.7121

Rectangle

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



214.3470, 3.2799, -72.2183



204.4910, 24.9009, -100.4086



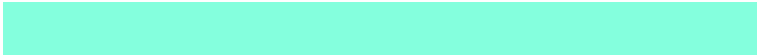
223.3360, 10.6804, 27.7693



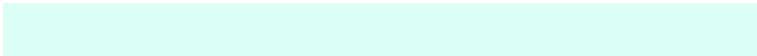
219.4480, -19.4479, 31.1791

Sweetspot

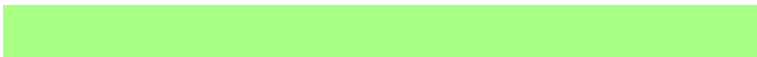
The Sweet Spot groups the original color and five complimentary colors.



214.3470, 3.2799, -72.2183



243.0960, 0.9387, -21.1322



214.6660, -40.7543, -41.8031



120.7380, 0.6222, -12.9252



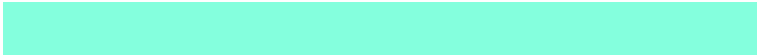
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



214.3470, 3.2799, -72.2183



206.0740, 3.9075, -86.8879



202.3740, 25.9446, -61.7180



123.6570, 0.1691, -7.5922



127.8490, 5.0044, -112.1236



42.8120, 1.5717, -37.5461

Inverse Universe

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



172.6530, -3.2799, 72.2183



155.9260, -3.9075, 86.8879



184.6260, -25.9446, 61.7180



119.2290, -0.6059, 7.6922



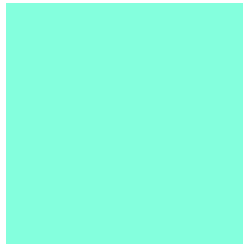
63.1510, -5.0044, 112.1236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 214.3470, 3.2799, -72.2183 looks on a white background.

Color Contrast Check

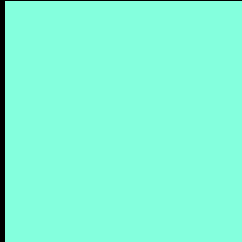
Large Text (above 18pt) WCAG AA × Fail

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 214.3470, 3.2799, -72.2183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

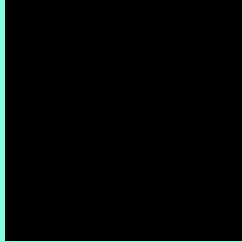
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.3470, 3.2799, -72.2183

Background



This preview shows how black text looks on a background with the YUV color 214.3470, 3.2799, -72.2183.



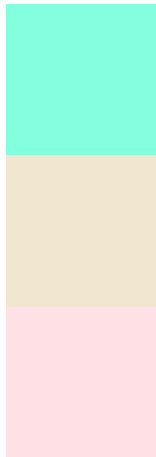
This preview shows how white text looks on a background with the YUV color 214.3470, 3.2799, -72.2183.

-72.2183.

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

214.3470, 3.2799, -72.2183

Protanopia

231.3680, -11.5204, 8.4473

Deuteranopia

233.7250, -2.8224, 18.6582



Tritanopia

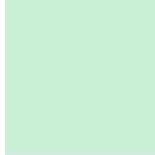
226.4390, 14.0806, -36.3420

Trichromacy



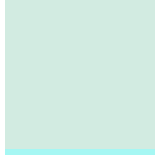
Original Color

214.3470, 3.2799, -72.2183



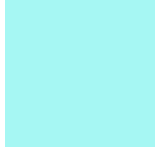
Protanomaly

225.2610, -6.0447, -21.2769



Deuteranomaly

226.3850, -0.6828, -14.3696



Tritanomaly

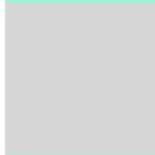
222.3250, 10.1928, -49.3970

Monochromacy



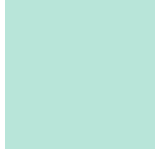
Original Color

214.3470, 3.2799, -72.2183



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.1770, 1.3917, -26.4652

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.3470, 3.2799, -72.2183 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(132, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(132, 255, 221)  
}
```

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(132, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 255, 221) }
```

Border

The CSS property to change the border of an element to YUV 214.3470, 3.2799, -72.2183 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(132, 255, 221) }
```


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

```
.border{ border-color:rgb(132, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(132, 255,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 214.3470, 3.2799, -72.2183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 255, 221) }
```

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

```
.background{ background-color: rgb(132,  
255, 221) }
```

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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