

Converting Colors

YUV(202.9420, 7.4236,
-94.6651)

Have a look what the booklet for
YUV(202.9420, 7.4236, -94.6651)
contains.

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Color

**YUV(202.9420, 7.4236,
-94.6651)**

Conversions

Conversions Part 1

Format	Color
Hex	5FFFDA
RGB	95, 255, 218
RGB Percent	37%, 100%, 85%
CMY	0.6275, 0.0000, 0.1451
CMYK	0.63, 0.00, 0.15, 0.00
HSL	166°, 100%, 69%
HSV	166°, 63%, 100%
XYZ	53.1342, 79.0149, 78.7806
YIQ	202.9420, -83.4830, -45.4270

Conversions

Conversions Part 2

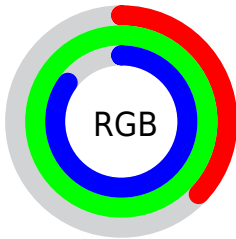
Format	Color
RYB	95, 185, 255
Decimal	6291418
CIELab	91.24, -50.36, 5.35
CIELCh	91, 50.638, 173.936
Yxy	79.0149, 0.2519, 0.3746
Android (android.graphics.Color)	4284481498 (0xFF5FFFDA)
YUV	202.9420, 7.4236, -94.6651
Hunter-Lab	88.8903, -48.8596, 9.6764

Details

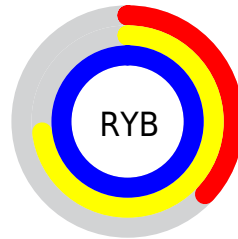
The YUV color **202.9420, 7.4236, -94.6651** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **147.0580, -7.4236, 94.6651**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5950, 14.0037, -58.4038**, and **134.2210, 14.1880, -117.7118** is the 20% darker color. If you saturate the color by 10%, you get **194.4840, 8.6354, -110.0495**, and if you desaturate by 10%, it is **211.4000, 6.2118, -79.2808**.

Distribution



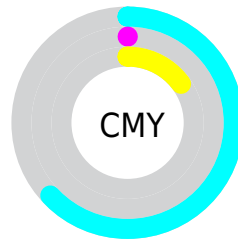
- Red (37%)
- Green (100%)
- Blue (85%)



- Red (37%)
- Yellow (73%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.9420, 7.4236, -94.6651 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 202.9420, 7.4236, -94.6651 by changing the saturation by 10% instead.

202.9420, 7.4236,
-94.6651

202.9420, 7.4236,
-94.6651

255.0000, 0.0000,
0.0000

171.0660, 9.3345,
-100.9129

226.5950, 14.0037,
-58.4038

134.2210, 14.1880,
-117.7118

235.8640, 9.4340,
-39.3457

115.4080, 10.6449,
-101.2128

245.1330, 4.8644,
-20.2876

96.1220, 7.8279,
-84.2990

254.4020, 0.2948,
-1.2296

78.0100, 4.4321,
-68.4148

60.1260, 1.9099,
-52.7305

42.9430, -0.4649,

-37.6610

■ 28.2220, -3.5604,
-24.7507

■ 4.6960, -2.3151,
-4.1184

■ 202.9420, 7.4236,
-94.6651

■ 202.9420, 7.4236,
-94.6651

■ 194.4840, 8.6354,
-110.0495

■ 211.4000, 6.2118,
-79.2808

■ 186.3250, 9.6998,
-124.8190

■ 219.5590, 5.1474,
-64.5112

■ 177.8670, 10.9116,
-140.2034

■ 228.0170, 3.9356,
-49.1269

■ 172.0290, 11.8177,
-150.8694

■ 236.1760, 2.8712,
-34.3574

■ 244.5200, 1.2226,
-18.8730

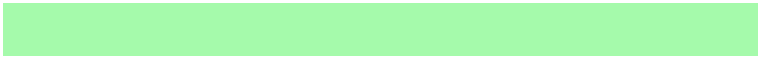
■ 252.6790, 0.1583,
-4.1035

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



215.5790, -21.9774, -44.3578



202.9420, 7.4236, -94.6651



178.7550, 37.5888, -156.7681

Triad

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



202.9420, 7.4236, -94.6651



224.8760, 14.8511, -3.3993



215.1960, -30.6626, 34.9081

Complementary

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



202.9420, 7.4236, -94.6651



147.0580, -7.4236, 94.6651

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.



212.1250, -9.4286, 37.6014



202.9420, 7.4236, -94.6651



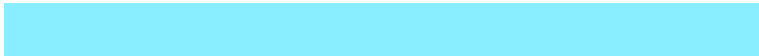
224.4760, 15.0483, 26.7695

Square

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



202.9420, 7.4236, -94.6651



209.7390, 22.3137, -63.7921



216.5370, 12.5533, 33.7321



222.7810, -44.7550, 28.2561

Rectangle

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



202.9420, 7.4236, -94.6651



176.9940, 38.4570, -155.2237



216.5370, 12.5533, 33.7321



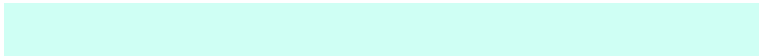
213.0420, -23.6847, 36.7972

Sweetspot

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



202.9420, 7.4236, -94.6651



239.3940, 2.2708, -28.4095



199.9830, -51.7566, -59.6211



118.2320, 1.3646, -17.7435



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.



202.9420, 7.4236, -94.6651



192.8750, 8.9356, -113.0234



181.9190, 36.0289, -76.2280



123.7710, 0.6059, -7.6922



128.8750, 8.9356, -113.0234



43.1540, 2.8821, -37.8461

Inverse Universe

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



147.0580, -7.4236, 94.6651



126.1250, -8.9356, 113.0234



168.0810, -36.0289, 76.2280



119.2290, -0.6059, 7.6922



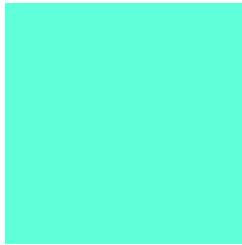
62.1250, -8.9356, 113.0234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 202.9420, 7.4236, -94.6651 looks on a white background.

Color Contrast Check

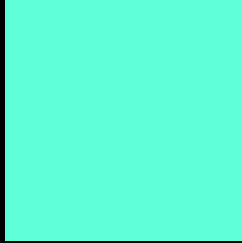
Large Text (above 18pt) WCAG AA × Fail

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 202.9420, 7.4236, -94.6651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

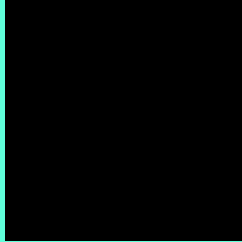
Any Text WCAG AA ✓ Pass

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 202.9420, 7.4236, -94.6651 Background



This preview shows how black text looks on a background with the YUV color 202.9420, 7.4236, -94.6651.



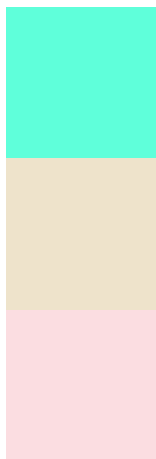
This preview shows how white text looks on a background with the YUV color 202.9420, 7.4236,

-94.6651.

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

202.9420, 7.4236, -94.6651

Protanopia

227.5530, -12.1046, 9.1620

Deuteranopia

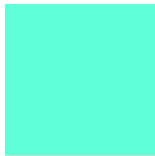
230.4260, -2.6750, 18.0434



Tritanopia

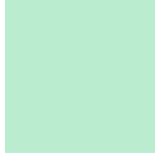
219.8720, 17.3181, -48.1227

Trichromacy



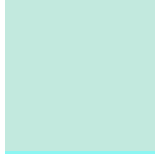
Original Color

202.9420, 7.4236, -94.6651



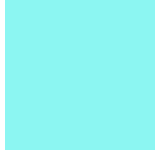
Protanomaly

218.4450, -5.1494, -28.4543



Deuteranomaly

220.0850, 0.9441, -22.8765



Tritanomaly

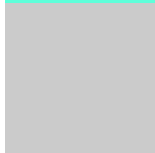
213.8500, 13.8780, -64.7664

Monochromacy



Original Color

202.9420, 7.4236, -94.6651



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.0620, 2.4344, -34.2574

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.9420, 7.4236, -94.6651 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(95, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(95, 255, 218)  
}
```

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(95, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 255, 218) }
```

Border

The CSS property to change the border of an element to YUV 202.9420, 7.4236, -94.6651 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(95, 255, 218) }
```


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

```
.border{ border-color:rgb(95, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(95, 255,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 202.9420, 7.4236, -94.6651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 255, 218) }
```

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

```
.background{ background-color: rgb(95, 255,  
218) }
```

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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