

Converting Colors

YUV(202.5520, -94.9281,
-25.9171)

Have a look what the booklet for
YUV(202.5520, -94.9281, -25.9171)
contains.

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Color

**YUV(202.5520, -94.9281,
-25.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFF0A
RGB	173, 255, 10
RGB Percent	68%, 100%, 4%
CMY	0.3216, 0.0000, 0.9608
CMYK	0.32, 0.00, 0.96, 0.00
HSL	80°, 100%, 52%
HSV	80°, 96%, 100%
XYZ	53.0484, 80.4262, 13.0150
YIQ	202.5520, 29.7730, -93.5790

Conversions

Conversions Part 2

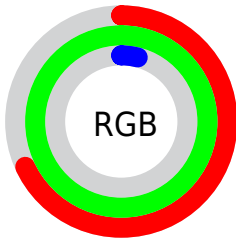
Format	Color
RYB	10, 255, 92
Decimal	11403018
CIELab	91.88, -53.31, 87.47
CIELCh	92, 102.439, 121.362
Yxy	80.4262, 0.3621, 0.5490
Android (android.graphics.Color)	4289593098 (0xFFADFF0A)
YUV	202.5520, -94.9281, -25.9171
Hunter-Lab	89.6806, -51.3538, 54.1719

Details

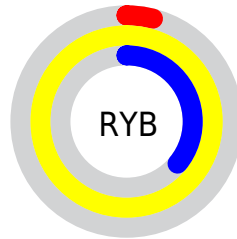
The YUV color **202.5520, -94.9281, -25.9171** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **62.4480, 94.9281, 25.9171**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.5950, -66.3553, 2.9862**, and **149.7140, -73.8090, -33.0752** is the 20% darker color. If you saturate the color by 10%, you get **200.5150, -98.8539, -26.7617**, and if you desaturate by 10%, it is **208.0930, -85.3348, -22.8836**.

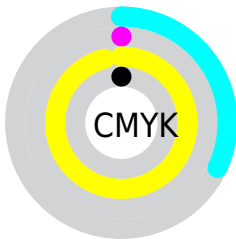
Distribution



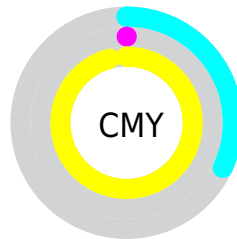
- Red (68%)
- Green (100%)
- Blue (4%)



- Red (4%)
- Yellow (100%)
- Blue (36%)



- Cyan (32%)
- Magenta (0%)
- Yellow (96%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.5520, -94.9281, -25.9171 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 202.5520, -94.9281, -25.9171 by changing the saturation by 10% instead.

202.5520,
-94.9281, -25.9171

202.5520,
-94.9281, -25.9171

255.0000, 0.0000,
0.0000

175.4190,
-86.4816, -28.4315

230.5950,
-66.3553, 2.9862

149.7140,
-73.8090, -33.0752

240.4080,
-55.9101, 12.7972

124.0090,
-61.1364, -37.7189

243.8280,
-42.8062, 9.7978

97.9940, -48.3110,
-44.7217

247.2480,
-29.7023, 6.7985

68.6790, -33.8587,
-60.2315

250.6680,
-16.5983, 3.7992

53.4170, -26.3346,
-46.8467

254.0880, -3.4944,

39.3290, -19.3892,

0.7998

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 202.5520,
-94.9281, -25.9171

■ 202.5520,
-94.9281, -25.9171

■ 200.5150,
-98.8539, -26.7617

■ 208.0930,
-85.3348, -22.8836

■ 213.4490,
-75.1574, -20.5648

■ 219.1040,
-65.1273, -17.6312

■ 224.3460,
-55.3866, -15.2124

■ 230.0010,
-45.3565, -12.2789

■ 235.2430,
-35.6158, -9.8601

■ 240.8980,
-25.5857, -6.9265

■ 246.1400,
-15.8450, -4.5078

■ 251.7950, -5.8149,
-1.5742

Harmonies

Analogous

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



210.6680, -103.8593, 38.8792



202.5520, -94.9281, -25.9171



164.6190, -16.5742, -144.3709

Triad

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



202.5520, -94.9281, -25.9171



178.7550, 37.5888, -156.7681



174.8940, 28.1533, 70.2530

Complementary

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



202.5520, -94.9281, -25.9171



62.4480, 94.9281, 25.9171

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.



195.7130, 29.2285, 51.9947



202.5520, -94.9281, -25.9171



171.1240, 41.3509, -150.0757

Square

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



202.5520, -94.9281, -25.9171



178.7550, 37.5888, -156.7681



217.5990, 18.4387, 12.6297



176.1630, -20.2934, 69.1400

Rectangle

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



202.5520, -94.9281, -25.9171



172.3710, 13.1281, -151.1694



217.5990, 18.4387, 12.6297



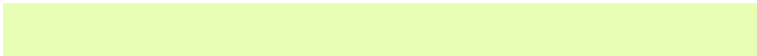
180.4510, 36.7527, 65.3795

Sweetspot

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



202.5520, -94.9281, -25.9171



239.0890, -28.6379, -7.9711



131.3890, -59.8448, 108.4068



118.3850, -17.4448, -4.7226



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.



202.5520, -94.9281, -25.9171



200.5150, -98.8539, -26.7617



166.0740, -76.9445, -100.9199



125.0230, -4.9413, -1.7742



150.0900, -73.9944, -20.2499



50.1260, -24.7121, -7.1265

Inverse Universe

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



62.4480, 94.9281, 25.9171



54.4850, 98.8539, 26.7617



98.9260, 76.9445, 100.9199



117.6780, 5.0887, 1.1594



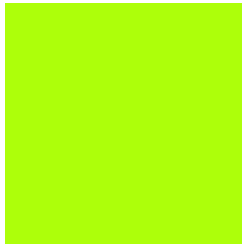
40.9100, 73.9944, 20.2499



13.5750, 24.8595, 6.5117

Previews

White Background



This preview shows how the YUV color 202.5520, -94.9281, -25.9171 looks on a white background.

Color Contrast Check

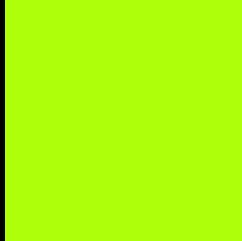
Large Text (above 18pt) WCAG AA × Fail

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 202.5520, -94.9281, -25.9171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

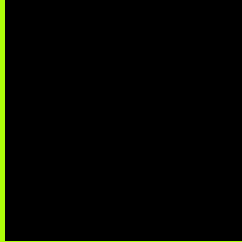
Any Text WCAG AA ✓ Pass

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 202.5520, -94.9281, -25.9171 Background



This preview shows how black text looks on a background with the YUV color 202.5520, -94.9281, -25.9171.



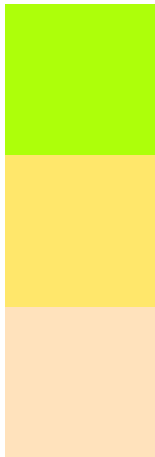
This preview shows how white text looks on a background with the YUV color 202.5520, -94.9281, -25.9171.

-25.9171.

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

202.5520, -94.9281, -25.9171

Protanopia

224.0400, -57.7007, 27.1519

Deuteranopia

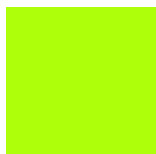
230.3390, -20.8731, 21.6277



Tritanopia

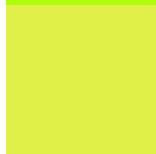
227.9890, 13.3164, -24.5464

Trichromacy



Original Color

202.5520, -94.9281, -25.9171



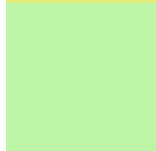
Protanomaly

216.3630, -71.1710, 7.5746



Deuteranomaly

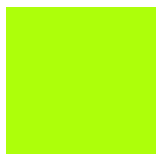
220.4160, -48.0261, 4.0202



Tritanomaly

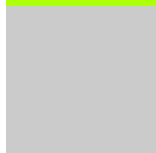
218.9620, -26.1103, -25.3997

Monochromacy



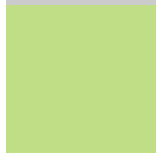
Original Color

202.5520, -94.9281, -25.9171



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

202.8840, -34.4528, -9.5453

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.5520, -94.9281, -25.9171 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(173, 255, 10)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 10)  
}
```

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(173, 255, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 10) }
```

Border

The CSS property to change the border of an element to YUV 202.5520, -94.9281, -25.9171 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(173, 255, 10) }
```


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

```
.border{ border-color:rgb(173, 255, 10) }
```

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

Here you see how a box with a 4 pixel rgb(173, 255, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 10);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 202.5520, -94.9281, -25.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 10) }
```

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

```
.background{ background-color: rgb(173,  
255, 10) }
```

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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