

Converting Colors

YUV(203.1220, -92.7441,
-26.4170)

Have a look what the booklet for
YUV(203.1220, -92.7441, -26.4170)
contains.

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Color

**YUV(203.1220, -92.7441,
-26.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFF0F
RGB	173, 255, 15
RGB Percent	68%, 100%, 6%
CMY	0.3216, 0.0000, 0.9412
CMYK	0.32, 0.00, 0.94, 0.00
HSL	80°, 100%, 53%
HSV	80°, 94%, 100%
XYZ	53.0798, 80.4387, 13.1806
YIQ	203.1220, 28.1680, -92.0240

Conversions

Conversions Part 2

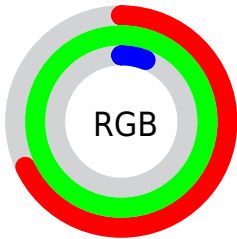
Format	Color
RYB	15, 255, 97
Decimal	11403023
CIELab	91.88, -53.26, 87.07
CIELCh	92, 102.062, 121.453
Yxy	80.4387, 0.3618, 0.5483
Android (android.graphics.Color)	4289593103 (0xFFADFF0F)
YUV	203.1220, -92.7441, -26.4170
Hunter-Lab	89.6876, -51.3118, 54.0680

Details

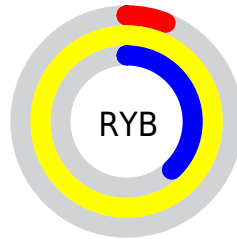
The YUV color **203.1220, -92.7441, -26.4170** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **66.8780, 92.7441, 26.4170**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7090, -65.9185, 2.8862**, and **149.7140, -73.8090, -33.0752** is the 20% darker color. If you saturate the color by 10%, you get **199.9170, -98.5591, -27.9912**, and if you desaturate by 10%, it is **208.7770, -82.7141, -23.4834**.

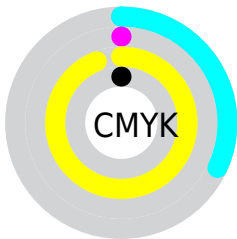
Distribution



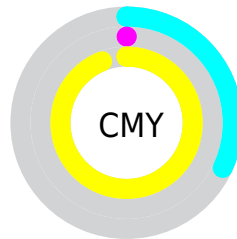
- Red (68%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (38%)



- Cyan (32%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.1220, -92.7441, -26.4170 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 203.1220, -92.7441, -26.4170 by changing the saturation by 10% instead.

■ 203.1220,
-92.7441, -26.4170

■ 203.1220,
-92.7441, -26.4170

■ 255.0000, 0.0000,
0.0000

■ 175.4190,
-86.4816, -28.4315

■ 230.7090,
-65.9185, 2.8862

■ 149.7140,
-73.8090, -33.0752

■ 240.5220,
-55.4733, 12.6972

■ 124.0090,
-61.1364, -37.7189

■ 243.9420,
-42.3694, 9.6979

■ 97.9940, -48.3110,
-44.7217

■ 247.3620,
-29.2655, 6.6985

■ 68.6790, -33.8587,
-60.2315

■ 250.7820,
-16.1615, 3.6992

■ 53.4170, -26.3346,
-46.8467

■ 254.2020, -3.0576,

■ 39.3290, -19.3892,

0.6998

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 7.6310, -3.7621,
-6.6924

■ 203.1220,
-92.7441, -26.4170

■ 203.1220,
-92.7441, -26.4170

■ 199.9170,
-98.5591, -27.9912

■ 208.7770,
-82.7141, -23.4834

■ 214.0190,
-72.9734, -21.0647

■ 219.6740,
-62.9433, -18.1311

■ 225.2150,
-53.3500, -15.0976

■ 230.8700,
-43.3199, -12.1640

■ 236.1120,
-33.5792, -9.7452

■ 241.7670,
-23.5491, -6.8117

■ 247.3080,
-13.9558, -3.7781

■ 252.6640, -3.7784,
-1.4593

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



203.1220, -92.7441, -26.4170



164.7330, -16.1374, -144.4708

Triad

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



203.1220, -92.7441, -26.4170



178.7550, 37.5888, -156.7681



175.3670, 27.4271, 69.8381

Complementary

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



203.1220, -92.7441, -26.4170



66.8780, 92.7441, 26.4170

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



203.1220, -92.7441, -26.4170



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.



203.1220, -92.7441, -26.4170



178.7550, 37.5888, -156.7681



217.8980, 18.2913, 13.2445



176.7500, -20.5828, 68.6252

Rectangle

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



203.1220, -92.7441, -26.4170



172.3710, 13.1281, -151.1694



217.8980, 18.2913, 13.2445



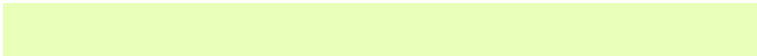
181.0380, 36.4633, 64.8647

Sweetspot

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



203.1220, -92.7441, -26.4170



239.7300, -27.4749, -7.6562



133.7200, -58.5290, 106.3626



118.4990, -17.0080, -4.8226



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.



203.1220, -92.7441, -26.4170



199.9170, -98.5591, -27.9912



167.8400, -75.3501, -98.9607



125.0230, -4.9413, -1.7742



149.7910, -73.8470, -20.8647



50.1260, -24.7121, -7.1265

Inverse Universe

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



66.8780, 92.7441, 26.4170



55.0830, 98.5591, 27.9912



102.1600, 75.3501, 98.9607



117.6780, 5.0887, 1.1594



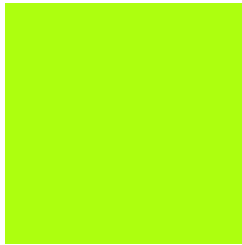
41.2090, 73.8470, 20.8647



13.8740, 24.7121, 7.1265

Previews

White Background



This preview shows how the YUV color 203.1220, -92.7441, -26.4170 looks on a white background.

Color Contrast Check

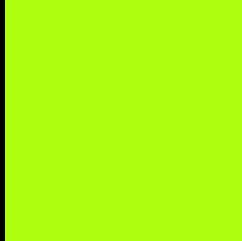
Large Text (above 18pt) WCAG AA × Fail

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 203.1220, -92.7441, -26.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

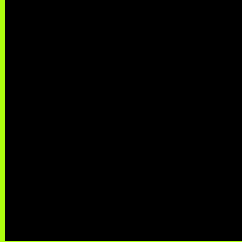
Any Text WCAG AA ✓ Pass

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 203.1220, -92.7441, -26.4170 Background



This preview shows how black text looks on a background with the YUV color 203.1220, -92.7441, -26.4170.



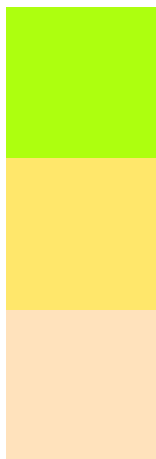
This preview shows how white text looks on a background with the YUV color 203.1220, -92.7441, -26.4170.

-26.4170.

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

203.1220, -92.7441, -26.4170

Protanopia

224.0400, -57.7007, 27.1519

Deuteranopia

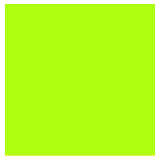
230.3390, -20.8731, 21.6277



Tritanopia

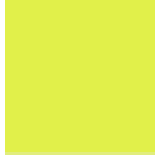
227.9890, 13.3164, -24.5464

Trichromacy



Original Color

203.1220, -92.7441, -26.4170



Protanomaly

216.5910, -70.2974, 7.3747



Deuteranomaly

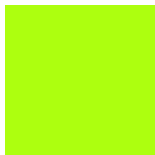
220.6440, -47.1525, 3.8202



Tritanomaly

219.1900, -25.2367, -25.5996

Monochromacy



Original Color

203.1220, -92.7441, -26.4170



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.1120, -33.5792, -9.7452

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.1220, -92.7441, -26.4170 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, 15)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 15)  
}
```

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, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 15) }
```

Border

The CSS property to change the border of an element to YUV 203.1220, -92.7441, -26.4170 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, 15) }
```


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

```
.border{ border-color:rgb(173, 255, 15) }
```

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, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 15);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 203.1220, -92.7441, -26.4170 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, 15) }
```

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

```
.background{ background-color: rgb(173,  
255, 15) }
```

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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