

Converting Colors

YUV(143.9570, 35.5172,
-5.2243)

Have a look what the booklet for
YUV(143.9570, 35.5172, -5.2243)
contains.

YUV(143.9570, 35.5172, -5.2243)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(143.9570, 35.5172,
-5.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	8A85D8
RGB	138, 133, 216
RGB Percent	54%, 52%, 85%
CMY	0.4588, 0.4784, 0.1529
CMYK	0.36, 0.38, 0.00, 0.15
HSL	244°, 52%, 68%
HSV	244°, 38%, 85%
XYZ	31.2634, 27.1362, 68.5558
YIQ	143.9570, -23.6630, 26.8730

Conversions

Conversions Part 2

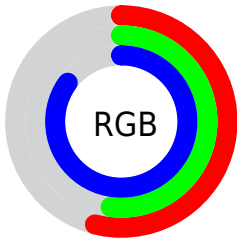
Format	Color
R _Y B	138, 133, 216
Decimal	9078232
CIE Lab	59.10, 21.44, -41.94
CIE LCh	59, 47.098, 297.077
Yxy	27.1362, 0.2463, 0.2137
Android (android.graphics.Color)	4287268312 (0xFF8A85D8)
YUV	143.9570, 35.5172, -5.2243
Hunter-Lab	52.0924, 15.9656, -41.5634

Details

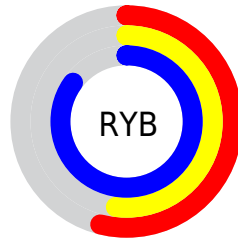
The YUV color **143.9570, 35.5172, -5.2243** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **205.0430, -35.5172, 5.2243**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.2580, 28.9598, -1.9803**, and **92.7780, 33.6334, -7.6983** is the 20% darker color. If you saturate the color by 10%, you get **125.0630, 44.8319, -6.1943**, and if you desaturate by 10%, it is **162.8510, 26.2025, -4.2543**.

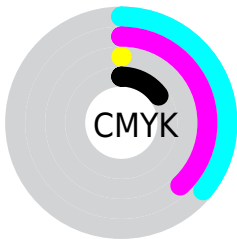
Distribution



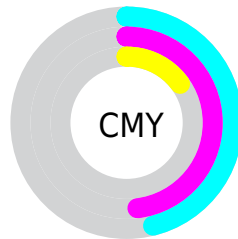
- Red (54%)
- Green (52%)
- Blue (85%)



- Red (54%)
- Yellow (52%)
- Blue (85%)



- Cyan (36%)
- Magenta (38%)
- Yellow (0%)
- Black (15%)



- Cyan (46%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.9570, 35.5172, -5.2243 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 143.9570, 35.5172, -5.2243 by changing the saturation by 10% instead.

■ 143.9570, 35.5172,
-5.2243

■ 143.9570, 35.5172,
-5.2243

255.0000, 0.0000,
0.0000

■ 118.0170, 34.5016,
-6.1539

■ 196.2580, 28.9598,
-1.9803

■ 92.7780, 33.6334,
-7.6983

■ 221.3650, 16.5821,
1.4339

■ 67.5390, 32.7653,
-9.2427

■ 246.4720, 4.2043,
4.8481

■ 43.5770, 31.7605,
-13.6610

■ 20.7290, 31.1926,
-18.1793

■ 6.8400, 26.2079,
-5.9987

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 143.9570, 35.5172,
-5.2243

■ 143.9570, 35.5172,
-5.2243

■ 125.0630, 44.8319,
-6.1943

■ 162.8510, 26.2025,
-4.2543

■ 106.4570, 54.0047,
-8.2938

■ 181.4570, 17.0297,
-2.1548

■ 87.5630, 63.3194,
-9.2638

■ 200.3510, 7.7150,
-1.1848

■ 69.2560, 72.3448,
-10.7485

■ 218.6580, -1.3104,
0.2999

■ 50.3620, 81.6595,
-11.7185

■ 237.5520,
-10.6251, 1.2699

■ 31.1690, 91.1217,
-13.3032

■ 250.5540,
-17.0351, 3.8991

■ 28.5110, 92.4321,
-13.6031

Harmonies

Analogous

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



126.2800, 48.6690, -70.4056



143.9570, 35.5172, -5.2243



146.6220, 20.3994, 37.1655

Triad

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



143.9570, 35.5172, -5.2243



140.6220, -33.3376, 52.9515



111.2990, 12.6706, -97.6092

Complementary

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



143.9570, 35.5172, -5.2243



205.0430, -35.5172, 5.2243

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.



126.8870, -15.7203, -44.6279



143.9570, 35.5172, -5.2243



138.8070, -40.8239, 27.3563

Square

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



143.9570, 35.5172, -5.2243



141.9500, -17.2304, 66.6958



134.6180, -34.3217, -4.9270



115.5000, 31.3055, -101.2935

Rectangle

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



143.9570, 35.5172, -5.2243



144.9420, 8.4096, 56.1789



134.6180, -34.3217, -4.9270



109.0020, 6.4080, -95.5948

Sweetspot

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



143.9570, 35.5172, -5.2243



228.1320, 13.2459, -1.8698



188.8350, 13.3923, -48.9673



112.3510, 7.7150, -1.1848



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.



143.9570, 35.5172, -5.2243



153.4310, 50.0735, -7.3940



156.2160, 29.4735, 19.9816



97.5530, 4.6574, -0.4850



22.4840, 73.2184, -10.9485



5.7990, 18.3401, -2.4547

Inverse Universe

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



166.7090, 21.8355, 43.2282



185.5230, 30.8012, 60.9313



192.7840, -29.4735, -19.9816



100.4290, 2.7465, 5.7628



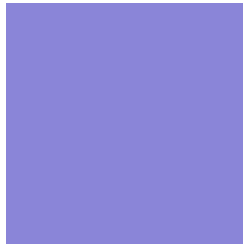
69.4830, 45.1179, 89.0304



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 143.9570, 35.5172, -5.2243 looks on a white background.

Color Contrast Check

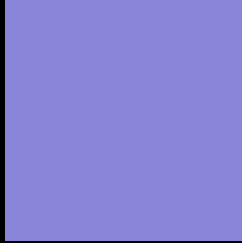
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.9570, 35.5172, -5.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

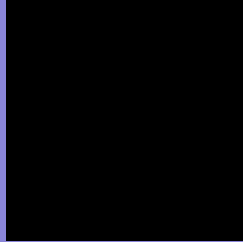
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 143.9570, 35.5172, -5.2243

Background



This preview shows how black text looks on a background with the YUV color 143.9570, 35.5172, -5.2243.



This preview shows how white text looks on a background with the YUV color 143.9570, 35.5172, -5.2243.

-5.2243.

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

143.9570, 35.5172, -5.2243

Protanopia

140.3890, 40.2342, -24.8972

Deuteranopia

139.4550, 36.7507, -27.5860



Tritanopia

140.3880, 8.1897, -13.4953

Trichromacy



Original Color

143.9570, 35.5172, -5.2243

Protanomaly

141.6780, 38.6127, -18.1346

Deuteranomaly

141.0970, 36.4342, -19.3791

Tritanomaly

141.9290, 17.7830, -10.4617

Monochromacy



Original Color

143.9570, 35.5172, -5.2243

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.0180, 12.8091, -1.7698

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.9570, 35.5172, -5.2243 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(138, 133, 216)` looks like.

```
.text, #text, p{  
    color:rgb(138, 133, 216)  
}
```

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(138, 133, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 133, 216) }
```

Border

The CSS property to change the border of an element to YUV 143.9570, 35.5172, -5.2243 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(138, 133, 216) }
```


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

```
.border{ border-color:rgb(138, 133, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 133, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 133, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 133, 216);  
box-shadow:4px 4px 4px 4px rgb(138, 133,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 143.9570, 35.5172, -5.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 133, 216) }
```

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

```
.background{ background-color: rgb(138,  
133, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor