

Converting Colors

YUV(153.5260, 25.8697, 9.1857)

Have a look what the booklet for
YUV(153.5260, 25.8697, 9.1857)
contains.

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Color

**YUV(153.5260, 25.8697,
9.1857)**

Conversions

Conversions Part 1

Format	Color
Hex	A48ACE
RGB	164, 138, 206
RGB Percent	64%, 54%, 81%
CMY	0.3569, 0.4588, 0.1922
CMYK	0.20, 0.33, 0.00, 0.19
HSL	263°, 41%, 67%
HSV	263°, 33%, 81%
XYZ	35.5389, 30.5257, 62.4115
YIQ	153.5260, -6.3320, 26.6600

Conversions

Conversions Part 2

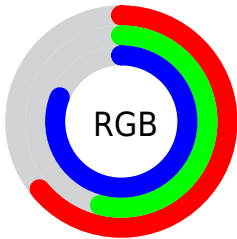
Format	Color
RYB	164, 138, 206
Decimal	10783438
CIELab	62.11, 23.55, -31.47
CIELCh	62, 39.309, 306.809
Yxy	30.5257, 0.2766, 0.2376
Android (android.graphics.Color)	4288973518 (0xFFA48ACE)
YUV	153.5260, 25.8697, 9.1857
Hunter-Lab	55.2501, 18.1302, -28.3000

Details

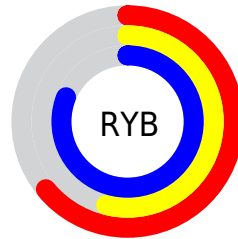
The YUV color $153.5260, 25.8697, 9.1857$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $190.4740, -25.8697, -9.1857$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.5540, 23.3909, 10.9151$, and $102.0590, 24.1279, 7.8413$ is the 20% darker color. If you saturate the color by 10%, you get $137.3120, 33.8632, 12.0044$, and if you desaturate by 10%, it is $169.7400, 17.8762, 6.3670$.

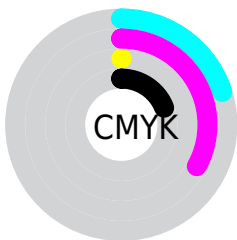
Distribution



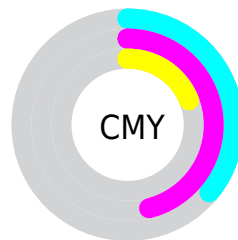
- Red (64%)
- Green (54%)
- Blue (81%)



- Red (64%)
- Yellow (54%)
- Blue (81%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)



- Cyan (36%)
- Magenta (46%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5260, 25.8697, 9.1857 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 153.5260, 25.8697, 9.1857 by changing the saturation by 10% instead.

■ 153.5260, 25.8697,
9.1857

■ 153.5260, 25.8697,
9.1857

255.0000, 0.0000,
0.0000

■ 126.9990, 25.1435,
8.7709

■ 207.5540, 23.3909,
10.9151

■ 102.0590, 24.1279,
7.8413

■ 232.6610, 11.0131,
14.3293

■ 77.5320, 23.4017,
7.4264

■ 250.8910, 2.0257,
3.6036

■ 54.2930, 22.5336,
5.8820

■ 32.0540, 21.6654,
4.3376

■ 11.1250, 20.6444,
5.1524

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 153.5260, 25.8697,
9.1857

■ 153.5260, 25.8697,
9.1857

■ 137.3120, 33.8632,
12.0044

■ 169.7400, 17.8762,
6.3670

■ 121.9840, 41.4199,
14.9230

■ 185.0680, 10.3195,
3.4484

■ 105.7700, 49.4134,
17.7417

■ 201.2820, 2.3260,
0.6297

■ 90.1430, 57.1175,
20.0456

■ 216.9090, -5.3781,
-1.6742

73.9290, 65.1110,
22.8643

233.1230,
-13.3716, -4.4929

58.0140, 72.9571,
26.2977

244.9290,
-19.1920, -4.3227

47.1050, 78.3352,
27.9719

248.8160,
-21.1083, 3.6694

249.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



146.4930, 35.7460, -32.0044



153.5260, 25.8697, 9.1857



154.0540, 11.8054, 40.2946

Triad

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



153.5260, 25.8697, 9.1857



149.4030, -31.2577, 39.1116



116.5140, 19.9596, -102.1828

Complementary

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



153.5260, 25.8697, 9.1857



190.4740, -25.8697, -9.1857

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.



135.7540, -7.2737, -47.1423



153.5260, 25.8697, 9.1857



146.6790, -33.3657, 15.1905

Square

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



153.5260, 25.8697, 9.1857



150.7760, -20.1026, 54.5704



142.4950, -24.4010, -13.5891



119.8030, 35.1001, -105.0672

Rectangle

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



153.5260, 25.8697, 9.1857



152.9710, 1.0003, 52.6454



142.4950, -24.4010, -13.5891



127.1060, 8.8217, -76.3920

Sweetspot

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



153.5260, 25.8697, 9.1857



235.5410, 9.5933, 3.0335



170.9930, 17.2585, -28.9349



115.6180, 6.1043, 2.0890



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.



153.5260, 25.8697, 9.1857



176.2890, 38.8045, 13.7785



163.3930, 21.0053, 29.4733



94.3360, 3.7784, 1.4593



37.7610, 63.2218, 22.1346



8.8170, 14.3872, 5.4225

Inverse Universe

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



163.1200, 8.3218, 37.6058



190.6800, 12.4828, 56.4086



180.6070, -21.0053, -29.4733



95.6740, 1.1467, 5.5479



61.2620, 20.0838, 91.8552



14.0980, 4.8817, 20.9621

Previews

White Background



This preview shows how the YUV color 153.5260, 25.8697, 9.1857 looks on a white background.

Color Contrast Check

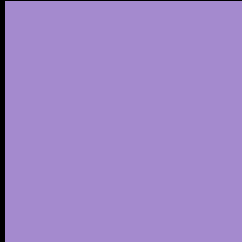
Large Text (above 18pt) WCAG AA × Fail

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 153.5260, 25.8697, 9.1857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

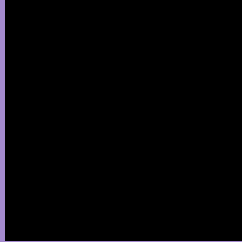
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.5260, 25.8697, 9.1857

Background



This preview shows how black text looks on a background with the YUV color 153.5260, 25.8697, 9.1857.



This preview shows how white text looks on a background with the YUV color 153.5260, 25.8697, 9.1857.

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

153.5260, 25.8697, 9.1857

Protanopia

149.8430, 31.6294, -18.2793

Deuteranopia

150.1980, 26.5244, -14.2056



Tritanopia

151.0590, 3.9149, 4.3333

Trichromacy



Original Color

153.5260, 25.8697, 9.1857

Protanomaly

151.0400, 29.5603, -7.9281

Deuteranomaly

151.2530, 26.4973, -5.4839

Tritanomaly

152.1330, 11.7664, 6.0224

Monochromacy



Original Color

153.5260, 25.8697, 9.1857

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8400, 9.4459, 3.6483

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5260, 25.8697, 9.1857 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(164, 138, 206)` looks like.

```
.text, #text, p{  
    color:rgb(164, 138, 206)  
}
```

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(164, 138, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 138, 206) }
```

Border

The CSS property to change the border of an element to YUV 153.5260, 25.8697, 9.1857 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(164, 138, 206) }
```


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

```
.border{ border-color:rgb(164, 138, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 138, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 138, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 138, 206);  
box-shadow:4px 4px 4px 4px rgb(164, 138,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 153.5260, 25.8697, 9.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 138, 206) }
```

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

```
.background{ background-color: rgb(164,  
138, 206) }
```

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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