

Converting Colors

YUV(150.5550, 38.6734, 9.1603)

Have a look what the booklet for
YUV(150.5550, 38.6734, 9.1603)
contains.

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Color

**YUV(150.5550, 38.6734,
9.1603)**

Conversions

Conversions Part 1

Format	Color
Hex	A182E5
RGB	161, 130, 229
RGB Percent	63%, 51%, 90%
CMY	0.3686, 0.4902, 0.1020
CMYK	0.30, 0.43, 0.00, 0.10
HSL	259°, 66%, 70%
HSV	259°, 43%, 90%
XYZ	36.8234, 29.1995, 77.8240
YIQ	150.5550, -13.3030, 37.3610

Conversions

Conversions Part 2

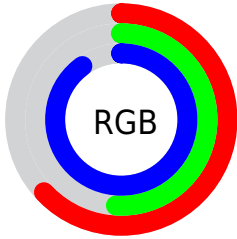
Format	Color
RYB	161, 130, 229
Decimal	10584805
CIELab	60.96, 32.79, -46.13
CIElCh	61, 56.599, 305.402
Yxy	29.1995, 0.2560, 0.2030
Android (android.graphics.Color)	4288774885 (0xFFA182E5)
YUV	150.5550, 38.6734, 9.1603
Hunter-Lab	54.0365, 27.0757, -47.5645

Details

The YUV color **150.5550, 38.6734, 9.1603** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **208.4450, -38.6734, -9.1603**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6730, 26.2902, 14.3188**, and **98.3760, 36.7896, 6.6862** is the 20% darker color. If you saturate the color by 10%, you get **132.2700, 47.6879, 11.1642**, and if you desaturate by 10%, it is **168.8400, 29.6589, 7.1563**.

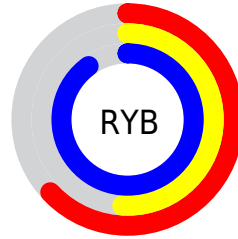
Distribution



Red (63%)

Green (51%)

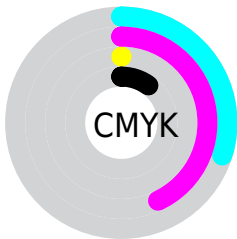
Blue (90%)



Red (63%)

Yellow (51%)

Blue (90%)

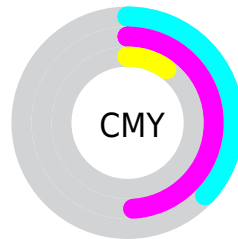


Cyan (30%)

Magenta (43%)

Yellow (0%)

Black (10%)



Cyan (37%)

Magenta (49%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5550, 38.6734, 9.1603 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 150.5550, 38.6734, 9.1603 by changing the saturation by 10% instead.

150.5550, 38.6734,
9.1603

150.5550, 38.6734,
9.1603

255.0000, 0.0000,
0.0000

124.3160, 37.8052,
7.6159

201.6730, 26.2902,
14.3188

98.3760, 36.7896,
6.6862

226.7800, 13.9125,
17.7329

73.4360, 35.7741,
5.7566

246.1950, 4.3409,
7.7220

49.1860, 34.9113,
2.4679

24.3380, 34.3434,
-2.0504

7.9800, 30.5759,
-6.9985

7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 150.5550, 38.6734,
9.1603

■ 150.5550, 38.6734,
9.1603

■ 132.2700, 47.6879,
11.1642

■ 168.8400, 29.6589,
7.1563

■ 114.2840, 56.5550,
13.7829

■ 186.8260, 20.7918,
4.5376

■ 95.9990, 65.5695,
15.7869

■ 205.1110, 11.7773,
2.5337

■ 77.7140, 74.5840,
17.7908

■ 223.3960, 2.7628,
0.5297

■ 59.4290, 83.5985,
19.7948

■ 241.6810, -6.2517,
-1.4742

■ 47.6340, 89.4134,
21.3690

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



132.0550, 56.6679, -69.3312



150.5550, 38.6734, 9.1603



150.5150, 19.4661, 56.5533

Triad

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



150.5550, 38.6734, 9.1603



143.4730, -44.1102, 54.8362



118.0470, 18.2178, -103.5272

Complementary

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



150.5550, 38.6734, 9.1603



208.4450, -38.6734, -9.1603

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.



115.1420, -5.9860, -86.9475



150.5550, 38.6734, 9.1603



140.5430, -50.5537, 21.4488

Square

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



150.5550, 38.6734, 9.1603



144.7250, -25.9934, 77.4172



135.1340, -37.0411, -19.4115



123.0460, 39.9103, -107.9113

Rectangle

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



150.5550, 38.6734, 9.1603



147.4390, 4.7136, 75.0370



135.1340, -37.0411, -19.4115



115.9950, 10.3555, -101.7276

Sweetspot

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



150.5550, 38.6734, 9.1603



228.7520, 12.9403, 2.8485



181.7890, 23.2750, -45.4190



111.1880, 8.2883, 1.5891



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.



150.5550, 38.6734, 9.1603



149.7200, 51.9030, 12.5236



164.9070, 31.5978, 38.6696



105.5640, 4.6519, 1.2594



37.1500, 69.9320, 16.5314



10.5980, 19.9182, 4.7376

Inverse Universe

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



167.3530, 15.1090, 54.0644



172.1410, 20.1435, 72.6673



194.0930, -31.5978, -38.6696



107.5000, 1.7255, 6.5775



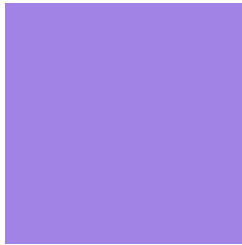
67.5430, 27.3403, 97.7478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 150.5550, 38.6734, 9.1603 looks on a white background.

Color Contrast Check

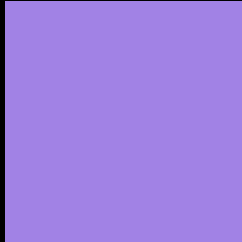
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.5550, 38.6734, 9.1603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

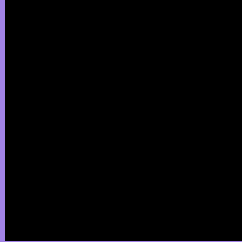
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.5550, 38.6734, 9.1603

Background



This preview shows how black text looks on a background with the YUV color 150.5550, 38.6734, 9.1603.



This preview shows how white text looks on a background with the YUV color 150.5550, 38.6734, 9.1603.

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

150.5550, 38.6734, 9.1603

Protanopia

144.2940, 47.6761, -31.8298

Deuteranopia

144.2310, 39.8191, -31.7746



Tritanopia

147.5530, 4.6574, -0.4850

Trichromacy



Original Color

150.5550, 38.6734, 9.1603

Protanomaly

146.5840, 44.5751, -17.1752

Deuteranomaly

146.5040, 39.1915, -17.1050

Tritanomaly

148.4900, 17.0134, 3.0783

Monochromacy



Original Color

150.5550, 38.6734, 9.1603

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.6920, 13.9558, 3.7781

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5550, 38.6734, 9.1603 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(161, 130, 229)` looks like.

```
.text, #text, p{  
    color:rgb(161, 130, 229)  
}
```

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(161, 130, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 130, 229) }
```

Border

The CSS property to change the border of an element to YUV 150.5550, 38.6734, 9.1603 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(161, 130, 229) }
```


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

```
.border{ border-color:rgb(161, 130, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 130, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 130, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 130, 229);  
box-shadow:4px 4px 4px 4px rgb(161, 130,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 150.5550, 38.6734, 9.1603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 130, 229) }
```

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

```
.background{ background-color: rgb(161,  
130, 229) }
```

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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