

Converting Colors

YUV(162.7290, 38.0946, 8.1307)

Have a look what the booklet for
YUV(162.7290, 38.0946, 8.1307)
contains.

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Color

**YUV(162.7290, 38.0946,
8.1307)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8FF0
RGB	172, 143, 240
RGB Percent	67%, 56%, 94%
CMY	0.3255, 0.4392, 0.0588
CMYK	0.28, 0.40, 0.00, 0.06
HSL	258°, 76%, 75%
HSV	258°, 40%, 94%
XYZ	42.5639, 34.7068, 86.8938
YIQ	162.7290, -13.8530, 36.3150

Conversions

Conversions Part 2

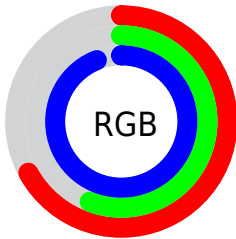
Format	Color
R _Y B	172, 143, 240
Decimal	11309040
CIE Lab	65.52, 31.16, -44.96
CIE LCh	66, 54.701, 304.721
Yxy	34.7068, 0.2593, 0.2114
Android (android.graphics.Color)	4289499120 (0xFFAC8FF0)
YUV	162.7290, 38.0946, 8.1307
Hunter-Lab	58.9125, 25.8681, -46.2118

Details

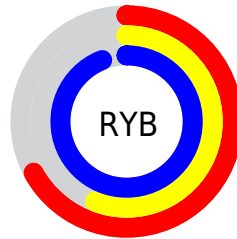
The YUV color **162.7290, 38.0946, 8.1307** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **220.2710, -38.0946, -8.1307**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1800, 20.6173, 13.8741**, and **109.8490, 36.0634, 6.2714** is the 20% darker color. If you saturate the color by 10%, you get **143.5580, 47.5459, 10.0346**, and if you desaturate by 10%, it is **181.9000, 28.6433, 6.2267**.

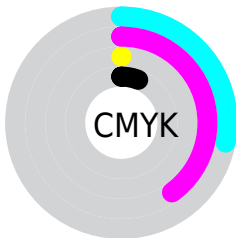
Distribution



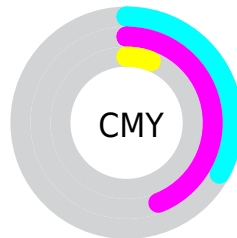
- Red (67%)
- Green (56%)
- Blue (94%)



- Red (67%)
- Yellow (56%)
- Blue (94%)



- Cyan (28%)
- Magenta (40%)
- Yellow (0%)
- Black (6%)



- Cyan (33%)
- Magenta (44%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.7290, 38.0946, 8.1307 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 162.7290, 38.0946, 8.1307 by changing the saturation by 10% instead.

■ 162.7290, 38.0946,
8.1307

■ 162.7290, 38.0946,
8.1307

255.0000, 0.0000,
0.0000

■ 135.7890, 37.0790,
7.2010

■ 213.1800, 20.6173,
13.8741

■ 109.8490, 36.0634,
6.2714

■ 237.3900, 8.6817,
15.4440

■ 84.6100, 35.1953,
4.7270

254.4130, 0.2894,
0.5148

■ 60.3710, 34.3271,
3.1826

■ 36.1210, 33.4643,
-0.1061

■ 10.1800, 33.9283,
-8.9279

■ 6.3840, 24.4607,

-5.5988

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 162.7290, 38.0946,
8.1307

■ 162.7290, 38.0946,
8.1307

■ 143.5580, 47.5459,
10.0346

■ 181.9000, 28.6433,
6.2267

■ 124.3870, 56.9972,
11.9386

■ 201.0710, 19.1920,
4.3227

■ 105.5150, 66.3011,
14.4573

■ 219.9430, 9.8881,
1.8040

■ 86.3440, 75.7524,
16.3613

■ 239.1140, 0.4368,
-0.1000

■ 67.1730, 85.2037,
18.2653

■ 253.2900, -6.5520,
1.4997

■ 48.8880, 94.2182,
20.2692

Harmonies

Analogous

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



147.1870, 53.1518, -61.5540



162.7290, 38.0946, 8.1307



163.0910, 19.1821, 54.2942

Triad

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



162.7290, 38.0946, 8.1307



156.1140, -42.9472, 55.1510



126.3450, 19.5499, -110.8046

Complementary

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



162.7290, 38.0946, 8.1307



220.2710, -38.0946, -8.1307

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.



134.6170, -9.6712, -71.5781



162.7290, 38.0946, 8.1307



153.1240, -48.3751, 22.6933

Square

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



162.7290, 38.0946, 8.1307



157.5400, -25.4092, 76.7024



147.6720, -36.3203, -17.2523



131.2300, 40.8056, -115.0887

Rectangle

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



162.7290, 38.0946, 8.1307



160.4280, 4.7190, 73.2926



147.6720, -36.3203, -17.2523



124.2930, 11.6876, -109.0050

Sweetspot

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



162.7290, 38.0946, 8.1307



230.5240, 12.0667, 3.0485



195.1480, 22.1120, -45.7338



113.5470, 7.1253, 1.2743



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.



162.7290, 38.0946, 8.1307



155.3130, 49.1457, 10.2495



176.7820, 31.1665, 37.0252



110.2650, 4.7994, 0.6446



37.4210, 72.2634, 15.4168



11.4670, 21.9548, 4.8524

Inverse Universe

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



179.7550, 15.4038, 52.8349



177.4070, 20.0123, 68.0491



206.2180, -31.1665, -37.0252



112.5000, 1.7255, 6.5775



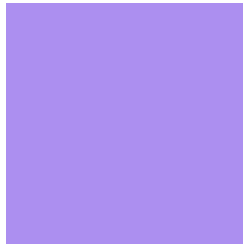
69.7220, 29.2241, 100.2218



21.1900, 8.7803, 30.5284

Previews

White Background



This preview shows how the YUV color 162.7290, 38.0946, 8.1307 looks on a white background.

Color Contrast Check

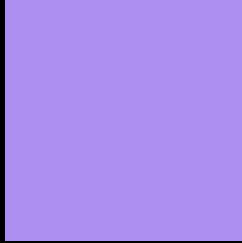
Large Text (above 18pt) WCAG AA × Fail

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 162.7290, 38.0946, 8.1307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

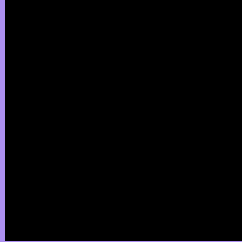
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.7290, 38.0946, 8.1307

Background



This preview shows how black text looks on a background with the YUV color 162.7290, 38.0946, 8.1307.



This preview shows how white text looks on a background with the YUV color 162.7290, 38.0946, 8.1307.

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

162.7290, 38.0946, 8.1307

Protanopia

156.9630, 46.3602, -29.7856

Deuteranopia

156.8400, 39.5189, -28.8007



Tritanopia

159.6670, 5.0942, -0.5850

Trichromacy



Original Color

162.7290, 38.0946, 8.1307

Protanomaly

158.9540, 43.4067, -15.7457

Deuteranomaly

159.1020, 38.8967, -15.8755

Tritanomaly

161.0770, 16.7240, 2.5635

Monochromacy



Original Color

162.7290, 38.0946, 8.1307

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9800, 13.8139, 2.6485

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.7290, 38.0946, 8.1307 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(172, 143, 240)` looks like.

```
.text, #text, p{  
    color:rgb(172, 143, 240)  
}
```

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(172, 143, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 143, 240) }
```

Border

The CSS property to change the border of an element to YUV 162.7290, 38.0946, 8.1307 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(172, 143, 240) }
```


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

```
.border{ border-color:rgb(172, 143, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 143, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 143, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 143, 240); box-shadow:4px 4px 4px 4px rgb(172, 143, 240) }
```

Background

The CSS property to change the background color of an element to YUV 162.7290, 38.0946, 8.1307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 143, 240) }
```

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

```
.background{ background-color: rgb(172,  
143, 240) }
```

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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