

Converting Colors

YUV(168.0800, 42.3586,
-6.2092)

Have a look what the booklet for
YUV(168.0800, 42.3586, -6.2092)
contains.

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Color

**YUV(168.0800, 42.3586,
-6.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	A19BFE
RGB	161, 155, 254
RGB Percent	63%, 61%, 100%
CMY	0.3686, 0.3922, 0.0039
CMYK	0.37, 0.39, 0.00, 0.00
HSL	244°, 98%, 80%
HSV	244°, 39%, 100%
XYZ	44.3087, 38.1755, 98.7992
YIQ	168.0800, -28.2030, 32.0610

Conversions

Conversions Part 2

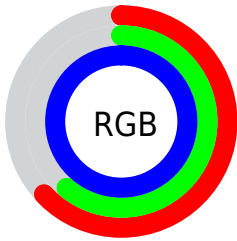
Format	Color
RYB	161, 155, 254
Decimal	10591230
CIELab	68.15, 24.98, -48.54
CIELCh	68, 54.589, 297.230
Yxy	38.1755, 0.2444, 0.2106
Android (android.graphics.Color)	4288781310 (0xFFA19BFE)
YUV	168.0800, 42.3586, -6.2092
Hunter-Lab	61.7863, 19.8812, -51.5570

Details

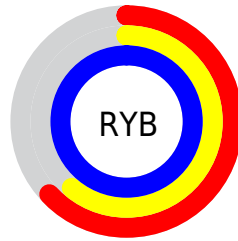
The YUV color **168.0800, 42.3586, -6.2092** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **240.9200, -42.3586, 6.2092**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9350, 18.7660, 0.9340**, and **114.9010, 40.4748, -8.6832** is the 20% darker color. If you saturate the color by 10%, you get **146.2290, 53.1311, -8.0938**, and if you desaturate by 10%, it is **189.9310, 31.5860, -4.3245**.

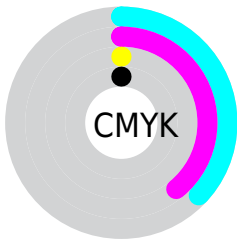
Distribution



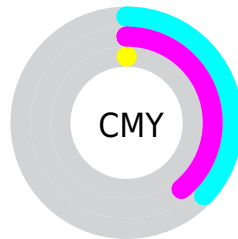
- Red (63%)
- Green (61%)
- Blue (100%)



- Red (63%)
- Yellow (61%)
- Blue (100%)



- Cyan (37%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0800, 42.3586, -6.2092 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 168.0800, 42.3586, -6.2092 by changing the saturation by 10% instead.

■ 168.0800, 42.3586,
-6.2092

■ 168.0800, 42.3586,
-6.2092

■ 255.0000, 0.0000,
0.0000

■ 141.1400, 41.3430,
-7.1388

■ 216.9350, 18.7660,
0.9340

■ 114.9010, 40.4748,
-8.6832

■ 242.9280, 5.9515,
4.4481

■ 89.2490, 39.3172,
-10.7424

■ 63.9990, 38.4545,
-14.0311

■ 36.7480, 39.0712,
-25.2120

■ 19.7660, 35.1184,
-17.3348

■ 7.6380, 29.2655,

-6.6985

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 168.0800, 42.3586,
-6.2092

■ 168.0800, 42.3586,
-6.2092

■ 146.2290, 53.1311,
-8.0938

■ 189.9310, 31.5860,
-4.3245

■ 123.7910, 64.1930,
-9.4637

■ 212.3690, 20.5241,
-2.9546

■ 101.9400, 74.9656,
-11.3484

■ 234.2200, 9.7515,
-1.0699

■ 79.8010, 85.8801,
-12.1035

■ 254.8860, -0.4368,
0.1000

■ 57.9500, 96.6527,
-13.9882

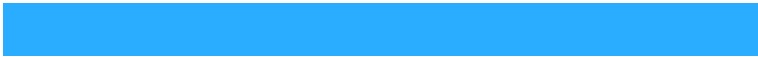
■ 36.0990, 107.4252,
-15.8728

■ 33.4410, 108.7356,
-16.1728

Harmonies

Analogous

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



143.4780, 54.9803, -88.1192



168.0800, 42.3586, -6.2092



170.7030, 24.3034, 44.9875

Triad

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



168.0800, 42.3586, -6.2092



164.3690, -39.6219, 61.9434



129.7700, 14.9034, -113.8083

Complementary

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



168.0800, 42.3586, -6.2092



240.9200, -42.3586, 6.2092

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.



147.5500, -18.0191, -53.9793



168.0800, 42.3586, -6.2092



161.4780, -48.5497, 32.0298

Square

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



168.0800, 42.3586, -6.2092



164.9300, -20.1785, 78.9914



156.8860, -40.8628, -6.9160



135.4700, 36.7433, -118.8072

Rectangle

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



168.0800, 42.3586, -6.2092



169.0620, 9.8294, 67.4746



156.8860, -40.8628, -6.9160



127.2450, 7.7672, -111.5939

Sweetspot

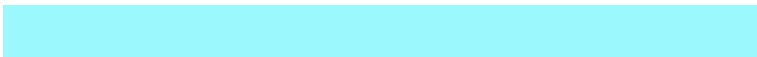
The Sweet Spot groups the original color and five complimentary colors.



168.0800, 42.3586, -6.2092



228.1320, 13.2459, -1.8698



221.4640, 16.0402, -58.2889



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.



168.0800, 42.3586, -6.2092



150.7730, 51.3839, -7.6939



182.4320, 35.2830, 23.3001



116.7810, 5.5310, -0.6849



25.3620, 81.6595, -11.7185



8.4920, 27.3654, -3.9395

Inverse Universe

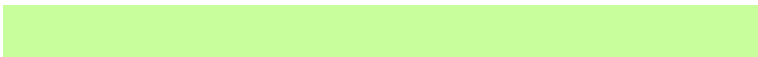
The Inverse Universe completely reimagines the original color for something new.



195.2030, 26.0289, 51.5650



183.7620, 31.6693, 62.4757



226.5680, -35.2830, -23.3001



120.2550, 3.3253, 6.7924



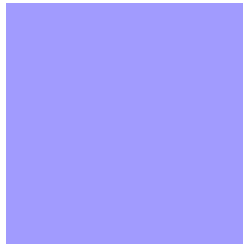
77.6290, 50.4689, 99.4264



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 168.0800, 42.3586, -6.2092 looks on a white background.

Color Contrast Check

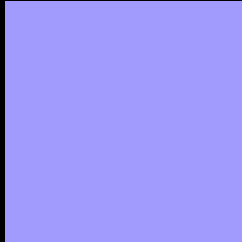
Large Text (above 18pt) WCAG AA × Fail

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 168.0800, 42.3586, -6.2092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

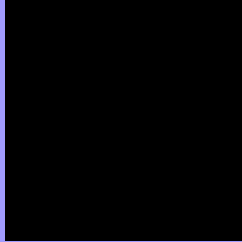
Any Text WCAG AA ✓ Pass

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 168.0800, 42.3586, -6.2092 Background



This preview shows how black text looks on a background with the YUV color 168.0800, 42.3586, -6.2092.



This preview shows how white text looks on a background with the YUV color 168.0800, 42.3586, -6.2092.

-6.2092.

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

168.0800, 42.3586, -6.2092

Protanopia

164.5180, 44.6076, -27.6413

Deuteranopia

162.9580, 43.8977, -33.2892



Tritanopia

164.0070, 9.3635, -16.6691

Trichromacy



Original Color

168.0800, 42.3586, -6.2092

Protanomaly

165.7470, 44.0017, -19.9491

Deuteranomaly

164.6110, 43.5758, -23.3378

Tritanomaly

165.8300, 21.2828, -13.0059

Monochromacy



Original Color

168.0800, 42.3586, -6.2092

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.7020, 15.4299, -2.3697

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0800, 42.3586, -6.2092 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, 155, 254)` looks like.

```
.text, #text, p{  
    color:rgb(161, 155, 254)  
}
```

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, 155, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 155, 254) }
```

Border

The CSS property to change the border of an element to YUV 168.0800, 42.3586, -6.2092 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, 155, 254) }
```


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

```
.border{ border-color:rgb(161, 155, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 155, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 155, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 155, 254);  
box-shadow:4px 4px 4px 4px rgb(161, 155,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 168.0800, 42.3586, -6.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 155, 254) }
```

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

```
.background{ background-color: rgb(161,  
155, 254) }
```

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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