

Converting Colors

YUV(168.6270, 29.2709,
-8.4429)

Have a look what the booklet for
YUV(168.6270, 29.2709, -8.4429)
contains.

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Color

**YUV(168.6270, 29.2709,
-8.4429)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA2E4
RGB	159, 162, 228
RGB Percent	62%, 64%, 89%
CMY	0.3765, 0.3647, 0.1059
CMYK	0.30, 0.29, 0.00, 0.11
HSL	237°, 56%, 76%
HSV	237°, 30%, 89%
XYZ	41.2220, 38.8130, 78.7178
YIQ	168.6270, -22.9740, 19.8900

Conversions

Conversions Part 2

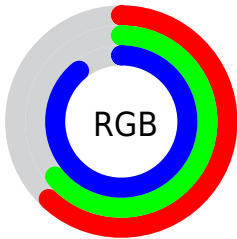
Format	Color
RYB	159, 162, 228
Decimal	10461924
CIELab	68.62, 13.75, -33.61
CIELCh	69, 36.316, 292.247
Yxy	38.8130, 0.2597, 0.2445
Android (android.graphics.Color)	4288652004 (0xFF9FA2E4)
YUV	168.6270, 29.2709, -8.4429
Hunter-Lab	62.3001, 9.0826, -31.3044

Details

The YUV color **168.6270, 29.2709, -8.4429** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **218.3730, -29.2709, 8.4429**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.7340, 16.8931, -5.0287**, and **116.1600, 27.5291, -9.7873** is the 20% darker color. If you saturate the color by 10%, you get **148.8360, 39.0279, -11.2572**, and if you desaturate by 10%, it is **188.4180, 19.5139, -5.6286**.

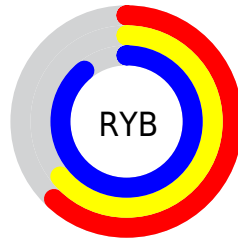
Distribution



Red (62%)

Green (64%)

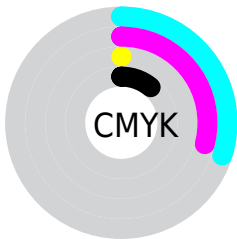
Blue (89%)



Red (62%)

Yellow (64%)

Blue (89%)

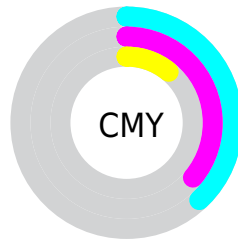


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6270, 29.2709, -8.4429 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 168.6270, 29.2709, -8.4429 by changing the saturation by 10% instead.

■ 168.6270, 29.2709,
-8.4429

■ 168.6270, 29.2709,
-8.4429

255.0000, 0.0000,
0.0000

■ 142.1000, 28.5447,
-8.8577

■ 220.7340, 16.8931,
-5.0287

■ 116.1600, 27.5291,
-9.7873

■ 245.8410, 4.5154,
-1.6146

■ 90.7470, 27.2397,
-10.3021

■ 66.8070, 26.2241,
-11.2317

■ 42.9700, 25.6508,
-14.0057

■ 20.3070, 24.4986,
-17.8092

■ 5.4720, 20.9663,

-4.7989

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 168.6270, 29.2709,
-8.4429

■ 168.6270, 29.2709,
-8.4429

■ 148.8360, 39.0279,
-11.2572

■ 188.4180, 19.5139,
-5.6286

■ 129.0450, 48.7848,
-14.0715

■ 208.2090, 9.7570,
-2.8143

■ 110.1400, 58.1050,
-16.7858

■ 227.1140, 0.4368,
-0.1000

■ 90.3490, 67.8619,
-19.6001

■ 246.9050, -9.3202,
2.7143

■ 70.5580, 77.6189,
-22.4144

■ 251.9220,
-11.7935, 2.6994

■ 50.7670, 87.3759,
-25.2287

■ 31.8620, 96.6960,
-27.9430

Harmonies

Analogous

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



159.6930, 35.6474, -47.0888



168.6270, 29.2709, -8.4429



171.8610, 17.8165, 25.5549

Triad

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



168.6270, 29.2709, -8.4429



168.0540, -25.1696, 46.4336



151.0220, 2.9472, -58.7783

Complementary

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



168.6270, 29.2709, -8.4429



218.3730, -29.2709, 8.4429

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.



158.2850, -15.9165, -28.3139



168.6270, 29.2709, -8.4429



165.6250, -31.3671, 27.5159

Square

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



168.6270, 29.2709, -8.4429



169.7250, -12.6824, 54.6152



162.6710, -27.9388, 1.1655



142.6280, 23.8474, -89.1278

Rectangle

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



168.6270, 29.2709, -8.4429



171.4410, 8.1636, 41.7092



162.6710, -27.9388, 1.1655



154.2530, -4.0687, -48.4569

Sweetspot

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



168.6270, 29.2709, -8.4429



235.2090, 9.7570, -2.8143



207.0270, 8.8607, -42.1197



115.2970, 6.2626, -2.0145



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.



168.6270, 29.2709, -8.4429



175.8360, 39.0279, -11.2572



176.1350, 25.5694, 12.1596



104.9550, 4.9522, -1.7145



25.1020, 75.8717, -22.0145



6.9880, 21.6979, -6.1285

Inverse Universe

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



179.9730, -8.8607, 42.1197



190.9640, -11.8143, 56.1596



210.8650, -25.5694, -12.1596



106.7020, -1.3321, 7.2773



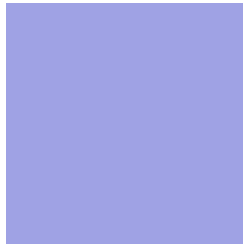
54.4330, -22.8915, 109.2453



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 168.6270, 29.2709, -8.4429 looks on a white background.

Color Contrast Check

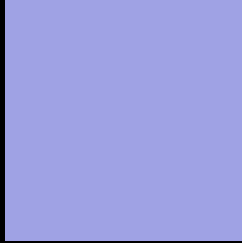
Large Text (above 18pt) WCAG AA × Fail

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 168.6270, 29.2709, -8.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

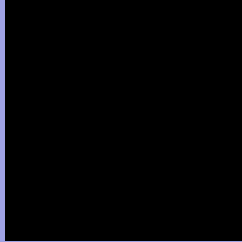
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.6270, 29.2709, -8.4429

Background



This preview shows how black text looks on a background with the YUV color 168.6270, 29.2709, -8.4429.



This preview shows how white text looks on a background with the YUV color 168.6270, 29.2709, -8.4429.

-8.4429.

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

168.6270, 29.2709, -8.4429

Protanopia

167.3270, 30.8978, -16.9498

Deuteranopia

167.2840, 29.4400, -16.0351



Tritanopia

165.6160, 9.0633, -13.6952

Trichromacy



Original Color

168.6270, 29.2709, -8.4429

Protanomaly

167.8220, 30.1608, -13.8759

Deuteranomaly

167.8930, 29.1398, -13.0612

Tritanomaly

166.5760, 16.4780, -11.9062

Monochromacy



Original Color

168.6270, 29.2709, -8.4429

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.4370, 10.6306, -3.0142

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6270, 29.2709, -8.4429 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(159, 162, 228)` looks like.

```
.text, #text, p{  
    color:rgb(159, 162, 228)  
}
```

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(159, 162, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 162, 228) }
```

Border

The CSS property to change the border of an element to YUV 168.6270, 29.2709, -8.4429 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(159, 162, 228) }
```


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

```
.border{ border-color:rgb(159, 162, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 162, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 162, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 162, 228);  
box-shadow:4px 4px 4px 4px rgb(159, 162,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 168.6270, 29.2709, -8.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 162, 228) }
```

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

```
.background{ background-color: rgb(159,  
162, 228) }
```

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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