

Converting Colors

YUV(168.9360, 30.5976,
-13.9759)

Have a look what the booklet for
YUV(168.9360, 30.5976, -13.9759)
contains.

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Color

**YUV(168.9360, 30.5976,
-13.9759)**

Conversions

Conversions Part 1

Format	Color
Hex	99A5E7
RGB	153, 165, 231
RGB Percent	60%, 65%, 91%
CMY	0.4000, 0.3529, 0.0941
CMYK	0.34, 0.29, 0.00, 0.09
HSL	231°, 62%, 75%
HSV	231°, 34%, 91%
XYZ	41.0158, 39.4521, 81.0546
YIQ	168.9360, -28.3380, 17.9820

Conversions

Conversions Part 2

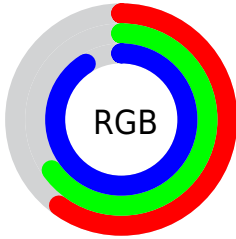
Format	Color
R_{YB}	153, 163, 231
Decimal	10069479
CIE _{Lab}	69.08, 11.13, -34.57
CIE _{LCh}	69, 36.321, 287.838
Yxy	39.4521, 0.2539, 0.2443
Android (android.graphics.Color)	4288259559 (0xFF99A5E7)
YUV	168.9360, 30.5976, -13.9759
Hunter-Lab	62.8109, 6.6422, -32.5434

Details

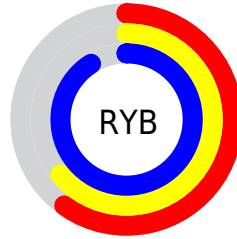
The YUV color **168.9360, 30.5976, -13.9759** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **215.0640, -30.5976, 13.9759**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.7010, 16.9094, -10.2618**, and **115.8820, 29.1452, -14.8055** is the 20% darker color. If you saturate the color by 10%, you get **150.3190, 39.7757, -17.8198**, and if you desaturate by 10%, it is **187.5530, 21.4194, -10.1320**.

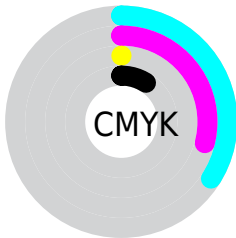
Distribution



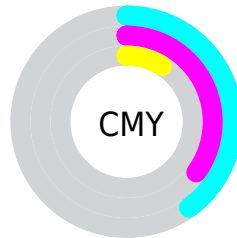
- Red (60%)
- Green (65%)
- Blue (91%)



- Red (60%)
- Yellow (64%)
- Blue (91%)



- Cyan (34%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9360, 30.5976, -13.9759 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 168.9360, 30.5976, -13.9759 by changing the saturation by 10% instead.

■ 168.9360, 30.5976,
-13.9759

■ 168.9360, 30.5976,
-13.9759

255.0000, 0.0000,
0.0000

■ 142.4090, 29.8714,
-14.3907

■ 220.7010, 16.9094,
-10.2618

■ 115.8820, 29.1452,
-14.8055

■ 245.8080, 4.5317,
-6.8476

■ 90.9420, 28.1296,
-15.7351

■ 66.4040, 27.4088,
-17.8943

■ 41.3710, 27.4251,
-23.1274

■ 22.4100, 24.9409,
-19.6536

■ 5.7000, 21.8399,

-4.9989

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 168.9360, 30.5976,
-13.9759

■ 168.9360, 30.5976,
-13.9759

■ 150.3190, 39.7757,
-17.8198

■ 187.5530, 21.4194,
-10.1320

■ 132.2890, 48.6645,
-22.1785

■ 205.5830, 12.5306,
-5.7733

■ 113.6720, 57.8427,
-26.0223

■ 224.2000, 3.3524,
-1.9294

■ 95.6420, 66.7315,
-30.3810

■ 242.2300, -5.5364,
2.4293

■ 77.0250, 75.9097,
-34.2249

■ 252.2640,
-10.4832, 2.3995

■ 58.6960, 84.9459,
-39.1984

■ 47.4660, 90.4823,
-41.6277

Harmonies

Analogous

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



159.3610, 35.8110, -52.9366



168.9360, 30.5976, -13.9759



172.9960, 19.7220, 21.0515

Triad

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



168.9360, 30.5976, -13.9759



169.7060, -24.0121, 48.4928



153.6590, 0.1681, -54.0749

Complementary

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



168.9360, 30.5976, -13.9759



215.0640, -30.5976, 13.9759

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.



160.0360, -18.2587, -23.7106



168.9360, 30.5976, -13.9759



167.3480, -31.2306, 30.3898

Square

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



168.9360, 30.5976, -13.9759



171.2950, -10.4984, 54.1153



164.6500, -29.4074, 5.5690



144.9660, 21.2158, -85.0392

Rectangle

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



168.9360, 30.5976, -13.9759



173.2880, 10.2110, 38.3354



164.6500, -29.4074, 5.5690



156.0040, -6.4110, -43.8535

Sweetspot

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



168.9360, 30.5976, -13.9759



234.6110, 10.0518, -4.0438



206.1960, 5.8194, -46.6529



115.5850, 6.1206, -3.1440



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.



168.9360, 30.5976, -13.9759



171.9490, 40.9441, -19.2493



169.6660, 30.2377, 8.1859



105.5420, 4.6628, -2.2293



36.2550, 70.3733, -31.7956



10.5100, 19.9616, -9.2173

Inverse Universe

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



177.6900, -6.2562, 46.7529



183.3330, -8.0522, 62.8520



214.3340, -30.2377, -8.1859



106.8160, -0.8953, 7.1774



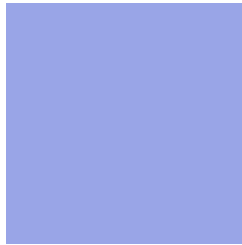
56.5990, -14.5923, 107.3457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 168.9360, 30.5976, -13.9759 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 168.9360, 30.5976, -13.9759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

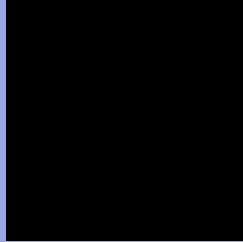
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.9360, 30.5976, -13.9759

Background



This preview shows how black text looks on a background with the YUV color 168.9360, 30.5976, -13.9759.



This preview shows how white text looks on a background with the YUV color 168.9360, 30.5976, -13.9759.

-13.9759.

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

168.9360, 30.5976, -13.9759

Protanopia

168.4410, 31.3346, -17.0498

Deuteranopia

168.3270, 30.8978, -16.9498



Tritanopia

165.6260, 10.5374, -19.8430

Trichromacy



Original Color

168.9360, 30.5976, -13.9759

Protanomaly

168.7400, 31.1872, -16.4350

Deuteranomaly

168.6260, 30.7504, -16.3350

Tritanomaly

166.8850, 17.8047, -17.4391

Monochromacy



Original Color

168.9360, 30.5976, -13.9759

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2410, 11.2202, -5.4734

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9360, 30.5976, -13.9759 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(153, 165, 231)` looks like.

```
.text, #text, p{  
    color:rgb(153, 165, 231)  
}
```

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(153, 165, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 165, 231) }
```

Border

The CSS property to change the border of an element to YUV 168.9360, 30.5976, -13.9759 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(153, 165, 231) }
```


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

```
.border{ border-color:rgb(153, 165, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 165, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 165, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 165, 231);  
box-shadow:4px 4px 4px 4px rgb(153, 165,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 168.9360, 30.5976, -13.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 165, 231) }
```

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

```
.background{ background-color: rgb(153,  
165, 231) }
```

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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