

Converting Colors

YUV(168.1340, 36.9089,
-31.6895)

Have a look what the booklet for
YUV(168.1340, 36.9089, -31.6895)
contains.

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Color

**YUV(168.1340, 36.9089,
-31.6895)**

Conversions

Conversions Part 1

Format	Color
Hex	84ACF3
RGB	132, 172, 243
RGB Percent	52%, 67%, 95%
CMY	0.4824, 0.3255, 0.0471
CMYK	0.46, 0.29, 0.00, 0.05
HSL	218°, 82%, 74%
HSV	218°, 46%, 95%
XYZ	40.4459, 40.8816, 90.5532
YIQ	168.1340, -46.6310, 13.6010

Conversions

Conversions Part 2

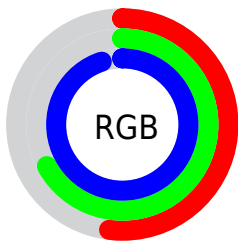
Format	Color
RYB	132, 161, 243
Decimal	8695027
CIELab	70.09, 4.99, -39.64
CIELCh	70, 39.958, 277.176
Yxy	40.8816, 0.2353, 0.2378
Android (android.graphics.Color)	4286885107 (0xFF84ACF3)
YUV	168.1340, 36.9089, -31.6895
Hunter-Lab	63.9388, 1.0214, -39.2123

Details

The YUV color **168.1340, 36.9089, -31.6895** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **206.8660, -36.9089, 31.6895**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8300, 17.8318, -26.1609**, and **114.0690, 35.4620, -34.2635** is the 20% darker color. If you saturate the color by 10%, you get **151.5660, 45.0770, -38.2074**, and if you desaturate by 10%, it is **184.7020, 28.7409, -25.1717**.

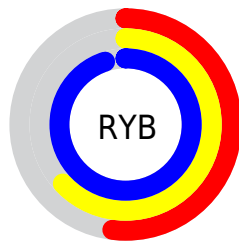
Distribution



Red (52%)

Green (67%)

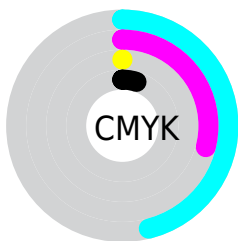
Blue (95%)



Red (52%)

Yellow (63%)

Blue (95%)

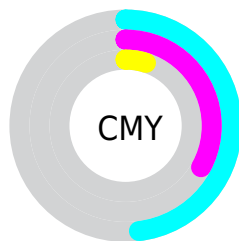


Cyan (46%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (48%)

Magenta (33%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1340, 36.9089, -31.6895 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 168.1340, 36.9089, -31.6895 by changing the saturation by 10% instead.

■ 168.1340, 36.9089,
-31.6895

■ 168.1340, 36.9089,
-31.6895

255.0000, 0.0000,
0.0000

■ 141.1940, 35.8934,
-32.6191

■ 218.8300, 17.8318,
-26.1609

■ 114.0690, 35.4620,
-34.2635

■ 243.9370, 5.4541,
-22.7467

■ 87.3350, 35.3308,
-38.8818

■ 252.9070, 1.0318,
-4.3034

■ 57.4260, 37.2580,
-50.3626

■ 41.5480, 32.2678,
-36.4376

■ 27.0720, 27.5725,
-23.7421

■ 7.9000, 25.1923,

-6.9283

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 168.1340, 36.9089,
-31.6895

■ 168.1340, 36.9089,
-31.6895

■ 151.5660, 45.0770,
-38.2074

■ 184.7020, 28.7409,
-25.1717

■ 135.2860, 53.1030,
-45.8548

■ 200.9820, 20.7149,
-17.5242

■ 118.7180, 61.2710,
-52.3727

■ 217.5500, 12.5469,
-11.0063

■ 102.7370, 69.1497,
-59.4053

■ 233.5310, 4.6682,
-3.9737

■ 85.8700, 77.4651,
-66.5380

■ 250.0990, -3.4998,
2.5442

■ 79.3580, 80.6755,
-69.5970

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



152.9770, 41.4233, -79.7868



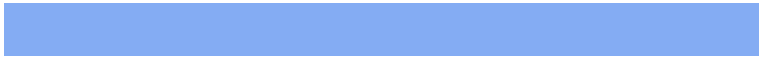
168.1340, 36.9089, -31.6895



175.3520, 26.4485, 10.2153

Triad

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



168.1340, 36.9089, -31.6895



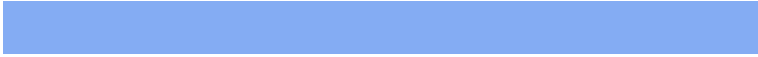
172.7440, -21.5658, 57.2295



157.0420, -7.4157, -48.2718

Complementary

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



168.1340, 36.9089, -31.6895



206.8660, -36.9089, 31.6895

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.



163.5550, -25.4166, -14.5187



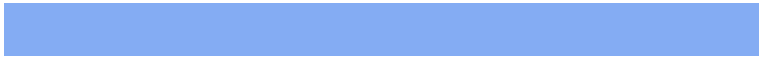
168.1340, 36.9089, -31.6895



170.4850, -32.2841, 41.6707

Square

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



168.1340, 36.9089, -31.6895



174.6960, -5.2731, 58.1486



167.7500, -34.3867, 16.0053



145.3800, 16.5747, -89.7873

Rectangle

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



168.1340, 36.9089, -31.6895



176.0900, 17.2106, 33.2471



167.7500, -34.3867, 16.0053



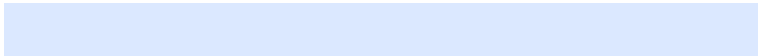
159.9850, -14.2896, -36.8208

Sweetspot

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



168.1340, 36.9089, -31.6895



230.7350, 11.9626, -10.2916



205.1370, -1.5465, -64.1411



113.2040, 7.2944, -6.3179



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.



168.1340, 36.9089, -31.6895



160.3100, 46.6822, -39.7369



149.1390, 46.2735, -1.8759



114.3030, 3.7946, -3.7737



60.5330, 61.8552, -53.0874



19.0530, 19.6939, -16.7095

Inverse Universe

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



169.7490, 1.1097, 64.2411



162.5600, 1.2029, 81.0699



225.8610, -46.2735, 1.8759



114.1580, 0.4151, 6.8774



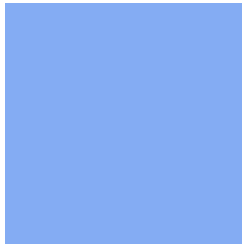
63.2520, 1.8478, 107.6500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 168.1340, 36.9089, -31.6895 looks on a white background.

Color Contrast Check

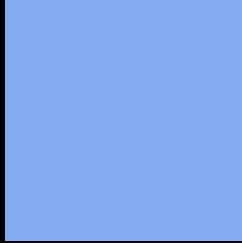
Large Text (above 18pt) WCAG AA × Fail

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 168.1340, 36.9089, -31.6895 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

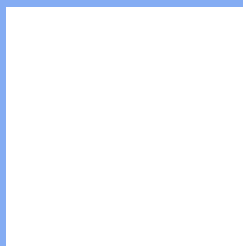
Any Text WCAG AAA ✓ Pass

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

YUV 168.1340, 36.9089, -31.6895 Background



This preview shows how black text looks on a background with the YUV color 168.1340, 36.9089, -31.6895.



This preview shows how white text looks on a background with the YUV color 168.1340, 36.9089, -31.6895.

-31.6895.

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

168.1340, 36.9089, -31.6895

Protanopia

170.5270, 34.2502, -18.8792

Deuteranopia

169.7760, 36.5924, -23.4826



Tritanopia

163.8730, 15.8386, -40.2306

Trichromacy



Original Color

168.1340, 36.9089, -31.6895

Protanomaly

169.4340, 35.2820, -23.1826

Deuteranomaly

169.1670, 36.8927, -26.4565

Tritanomaly

165.5450, 23.3953, -37.3120

Monochromacy



Original Color

168.1340, 36.9089, -31.6895

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.7780, 13.4204, -11.2063

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1340, 36.9089, -31.6895 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(132, 172, 243)` looks like.

```
.text, #text, p{  
    color:rgb(132, 172, 243)  
}
```

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(132, 172, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 172, 243) }
```

Border

The CSS property to change the border of an element to YUV 168.1340, 36.9089, -31.6895 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(132, 172, 243) }
```


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

```
.border{ border-color:rgb(132, 172, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 172, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 172, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 172, 243);  
box-shadow:4px 4px 4px 4px rgb(132, 172,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 168.1340, 36.9089, -31.6895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 172, 243) }
```

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

```
.background{ background-color: rgb(132,  
172, 243) }
```

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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