

Converting Colors

YUV(136.0020, 40.4250,
-39.4668)

Have a look what the booklet for
YUV(136.0020, 40.4250, -39.4668)
contains.

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Color

**YUV(136.0020, 40.4250,
-39.4668)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8FDA
RGB	91, 143, 218
RGB Percent	36%, 56%, 85%
CMY	0.6431, 0.4392, 0.1451
CMYK	0.58, 0.34, 0.00, 0.15
HSL	215°, 63%, 61%
HSV	215°, 58%, 85%
XYZ	26.7917, 26.9310, 70.1158
YIQ	136.0020, -55.0670, 12.3010

Conversions

Conversions Part 2

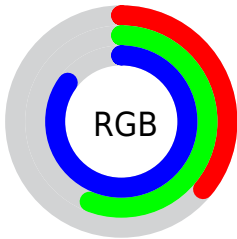
Format	Color
R _Y B	91, 128, 218
Decimal	6000602
CIE Lab	58.91, 4.95, -43.55
CIE LCh	59, 43.833, 276.480
Yxy	26.9310, 0.2163, 0.2175
Android (android.graphics.Color)	4284190682 (0xFF5B8FDA)
YUV	136.0020, 40.4250, -39.4668
Hunter-Lab	51.8951, 1.3372, -43.7805

Details

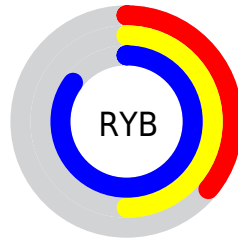
The YUV color **136.0020, 40.4250, -39.4668** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **172.9980, -40.4250, 39.4668**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.9720, 32.5518, -34.1784**, and **77.9570, 41.9262, -54.3363** is the 20% darker color. If you saturate the color by 10%, you get **121.7930, 47.4301, -46.2995**, and if you desaturate by 10%, it is **150.2110, 33.4200, -32.6340**.

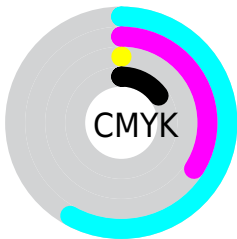
Distribution



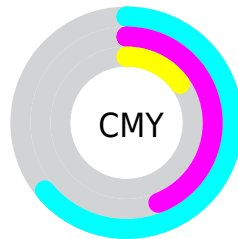
- Red (36%)
- Green (56%)
- Blue (85%)



- Red (36%)
- Yellow (50%)
- Blue (85%)



- Cyan (58%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.0020, 40.4250, -39.4668 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 136.0020, 40.4250, -39.4668 by changing the saturation by 10% instead.

■ 136.0020, 40.4250,
-39.4668

■ 136.0020, 40.4250,
-39.4668

255.0000, 0.0000,
0.0000

■ 108.8660, 39.9991,
-42.8555

■ 188.9720, 32.5518,
-34.1784

■ 77.9570, 41.9262,
-54.3363

■ 214.0790, 20.1741,
-30.7643

■ 56.5940, 39.1472,
-49.6329

■ 239.7730, 7.5069,
-27.8649

■ 40.7160, 34.1570,
-35.7079

■ 249.9170, 2.5059,
-10.4512

■ 26.1260, 29.0249,
-22.9125

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 136.0020, 40.4250,
-39.4668

■ 136.0020, 40.4250,
-39.4668

■ 121.7930, 47.4301,
-46.2995

■ 150.2110, 33.4200,
-32.6340

■ 107.5840, 54.4351,
-53.1322

■ 164.4200, 26.4149,
-25.8013

■ 93.6740, 61.2927,
-59.3501

■ 178.3300, 19.5573,
-19.5834

■ 80.0520, 68.0084,
-66.6976

■ 191.9520, 12.8417,
-12.2359

■ 77.0950, 69.4662,
-67.6123

■ 206.1610, 5.8366,
-5.4032

■ 220.3700, -1.1684,
1.4295

■ 234.5790, -8.1734,
8.2622

■ 245.4990,
-13.5570, 8.3324

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



114.5660, 48.0350, -100.4744



136.0020, 40.4250, -39.4668



145.0360, 29.0693, 9.6154

Triad

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



136.0020, 40.4250, -39.4668



141.4670, -21.4292, 60.1034



124.4110, -7.1046, -54.7344

Complementary

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



136.0020, 40.4250, -39.4668



172.9980, -40.4250, 39.4668

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.



133.3870, -27.3058, -15.2484



136.0020, 40.4250, -39.4668



140.3280, -34.1787, 42.6853

Square

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



136.0020, 40.4250, -39.4668



143.0600, -3.9736, 61.3374



137.3650, -37.1549, 17.2199



111.4930, 18.4910, -97.7794

Rectangle

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



136.0020, 40.4250, -39.4668



146.2580, 19.0998, 33.9767



137.3650, -37.1549, 17.2199



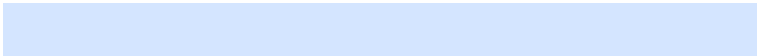
128.1480, -14.8630, -39.5948

Sweetspot

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



136.0020, 40.4250, -39.4668



226.8810, 13.8627, -13.0506



173.9850, -4.4296, -72.7778



110.8340, 8.4628, -7.7474



0.0000, 0.0000, 0.0000



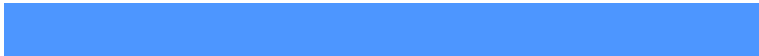
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



136.0020, 40.4250, -39.4668



140.1430, 56.6245, -55.3764



108.7670, 53.8519, -5.9347



102.6020, 3.6472, -3.1590



61.3990, 55.0193, -53.8469



16.3970, 14.5943, -14.3802

Inverse Universe

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



134.9010, 3.9928, 72.8778



138.5440, 5.6478, 102.1319



200.2330, -53.8519, 5.9347



102.7450, 0.1257, 6.3626



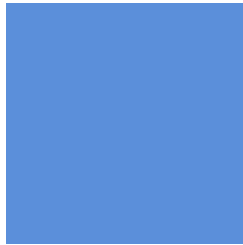
59.8210, 5.5112, 99.2580



15.9200, 1.5184, 26.3802

Previews

White Background



This preview shows how the YUV color 136.0020, 40.4250, -39.4668 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 136.0020, 40.4250, -39.4668 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 × Fail

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

YUV 136.0020, 40.4250, -39.4668

Background



This preview shows how black text looks on a background with the YUV color 136.0020, 40.4250, -39.4668.



This preview shows how white text looks on a background with the YUV color 136.0020, 40.4250, -39.4668.

-39.4668.

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

136.0020, 40.4250, -39.4668

Protanopia

140.0750, 36.4450, -22.8678

Deuteranopia

137.8180, 39.5297, -32.2894



Tritanopia

129.3660, 18.0606, -52.9410

Trichromacy



Original Color

136.0020, 40.4250, -39.4668

Protanomaly

138.3840, 37.7717, -28.4008

Deuteranomaly

137.2090, 39.8300, -35.2633

Tritanomaly

131.5760, 26.3380, -47.8632

Monochromacy



Original Color

136.0020, 40.4250, -39.4668

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.3970, 14.5943, -14.3802

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.0020, 40.4250, -39.4668 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(91, 143, 218)` looks like.

```
.text, #text, p{  
    color:rgb(91, 143, 218)  
}
```

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(91, 143, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 143, 218) }
```

Border

The CSS property to change the border of an element to YUV 136.0020, 40.4250, -39.4668 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(91, 143, 218) }
```


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

```
.border{ border-color:rgb(91, 143, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 143, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 143, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 143, 218);  
box-shadow:4px 4px 4px 4px rgb(91, 143,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 136.0020, 40.4250, -39.4668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 143, 218) }
```

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

```
.background{ background-color: rgb(91, 143,  
218) }
```

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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