

Converting Colors

YUV(136.6760, 34.6697,
-60.2289)

Have a look what the booklet for
YUV(136.6760, 34.6697, -60.2289)
contains.

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Color

**YUV(136.6760, 34.6697,
-60.2289)**

Conversions

Conversions Part 1

Format	Color
Hex	449ECF
RGB	68, 158, 207
RGB Percent	27%, 62%, 81%
CMY	0.7333, 0.3804, 0.1882
CMYK	0.67, 0.24, 0.00, 0.19
HSL	201°, 59%, 54%
HSV	201°, 67%, 81%
XYZ	25.8732, 30.1877, 63.4946
YIQ	136.6760, -69.3690, -3.8410

Conversions

Conversions Part 2

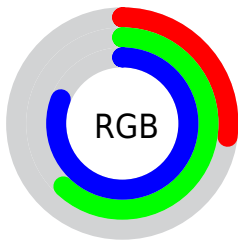
Format	Color
R _{YB}	68, 123, 207
Decimal	4497103
CIE Lab	61.82, -11.37, -32.93
CIE LCh	62, 34.833, 250.955
Yxy	30.1877, 0.2164, 0.2525
Android (android.graphics.Color)	4282687183 (0xFF449ECF)
YUV	136.6760, 34.6697, -60.2289
Hunter-Lab	54.9433, -12.0937, -30.0575

Details

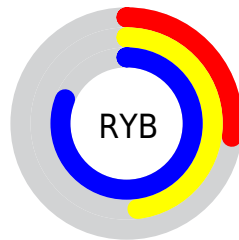
The YUV color **136.6760, 34.6697, -60.2289** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **138.3240, -34.6697, 60.2289**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9710, 30.5803, -55.2256**, and **80.1370, 35.4285, -70.2801** is the 20% darker color. If you saturate the color by 10%, you get **126.2880, 39.7910, -69.5356**, and if you desaturate by 10%, it is **147.0640, 29.5484, -50.9221**.

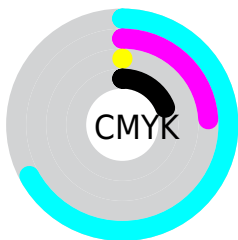
Distribution



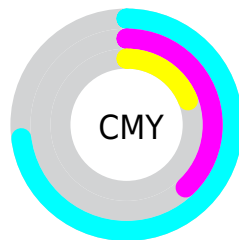
- Red (27%)
- Green (62%)
- Blue (81%)



- Red (27%)
- Yellow (48%)
- Blue (81%)



- Cyan (67%)
- Magenta (24%)
- Yellow (0%)
- Black (19%)



- Cyan (73%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.6760, 34.6697, -60.2289 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 136.6760, 34.6697, -60.2289 by changing the saturation by 10% instead.

■ 136.6760, 34.6697,
-60.2289

■ 136.6760, 34.6697,
-60.2289

■ 255.0000, 0.0000,
0.0000

■ 105.9630, 36.0072,
-69.2506

■ 192.9710, 30.5803,
-55.2256

■ 80.1370, 35.4285,
-70.2801

■ 218.3770, 18.0551,
-51.1966

■ 63.0850, 31.0171,
-55.3255

■ 235.5650, 9.5815,
-39.9605

■ 46.7340, 26.7531,
-40.9857

■ 244.2360, 5.3067,
-22.1320

■ 31.0840, 22.6366,
-27.2607

■ 253.5050, 0.7370,
-3.0739

■ 15.5480, 18.9568,
-13.6356

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 136.6760, 34.6697,
-60.2289

■ 136.6760, 34.6697,
-60.2289

■ 126.2880, 39.7910,
-69.5356

■ 147.0640, 29.5484,
-50.9221

■ 115.6120, 45.0543,
-77.7127

■ 157.7400, 24.2852,
-42.7450

■ 105.2240, 50.1756,
-87.0194

■ 168.1280, 19.1639,
-33.4383

■ 102.2560, 51.6388,
-89.6785

■ 178.5160, 14.0426,
-24.1315

■ 188.6050, 9.0687,
-15.4396

■ 199.5800, 3.6581,
-6.6477

■ 209.9680, -1.4632,
2.6591

■ 220.3560, -6.5845,
11.9658

■ 231.0320,
-11.8478, 20.1429

Harmonies

Analogous

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



119.0100, 34.5051, -100.8638



136.6760, 34.6697, -60.2289



148.1800, 30.4773, -22.0829

Triad

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



136.6760, 34.6697, -60.2289



151.7120, -6.2670, 50.2416



142.3360, -19.8856, -15.2037

Complementary

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



136.6760, 34.6697, -60.2289



138.3240, -34.6697, 60.2289

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.



145.9110, -28.5501, 10.6021



136.6760, 34.6697, -60.2289



150.7320, -20.0809, 47.5930

Square

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



136.6760, 34.6697, -60.2289



153.4190, 8.1744, 38.2205



148.7550, -28.4732, 32.6639



136.5740, -4.2270, -44.3534

Rectangle

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



136.6760, 34.6697, -60.2289



151.8410, 24.7284, 1.8934



148.7550, -28.4732, 32.6639



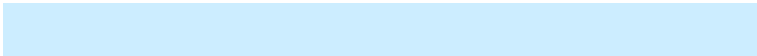
143.6530, -23.9859, -6.7117

Sweetspot

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



136.6760, 34.6697, -60.2289



229.1850, 12.7268, -22.0872



155.1790, -18.8222, -76.4560



112.2740, 7.7529, -13.3953



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.



136.6760, 34.6697, -60.2289



150.2560, 51.6388, -89.6785



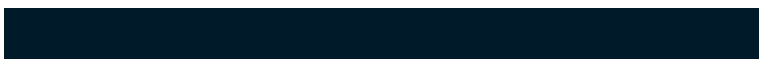
96.1730, 54.6377, -24.7077



99.3630, 2.7790, -4.7034



83.1350, 41.8384, -72.9094



19.9360, 10.3846, -17.4839

Inverse Universe

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



119.8210, 18.8222, 76.4560



125.1690, 28.0177, 113.8618



178.8270, -54.6377, 24.7077



98.0870, 1.4361, 6.0627



62.6580, 22.8466, 92.3849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 136.6760, 34.6697, -60.2289 looks on a white background.

Color Contrast Check

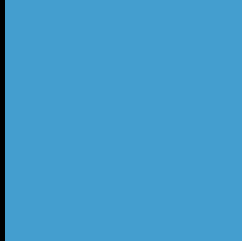
Large Text (above 18pt) WCAG AA × Fail

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 136.6760, 34.6697, -60.2289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

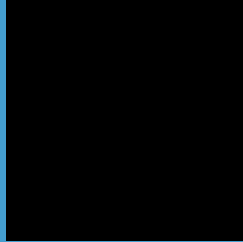
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 136.6760, 34.6697, -60.2289

Background



This preview shows how black text looks on a background with the YUV color 136.6760, 34.6697, -60.2289.



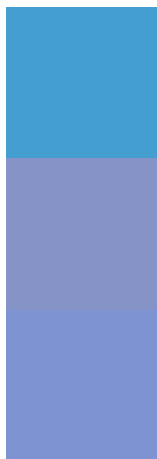
This preview shows how white text looks on a background with the YUV color 136.6760, 34.6697, -60.2289.

-60.2289.

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

136.6760, 34.6697, -60.2289

Protanopia

148.9270, 24.1930, -13.0910

Deuteranopia

147.9030, 30.6138, -19.2089



Tritanopia

130.8090, 22.7722, -70.8695

Trichromacy



Original Color

136.6760, 34.6697, -60.2289

Protanomaly

144.4410, 27.8836, -30.2048

Deuteranomaly

143.8580, 32.1150, -34.0785

Tritanomaly

132.9820, 27.1239, -66.6362

Monochromacy



Original Color

136.6760, 34.6697, -60.2289

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0710, 12.2900, -21.9873

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6760, 34.6697, -60.2289 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(68, 158, 207)` looks like.

```
.text, #text, p{  
    color:rgb(68, 158, 207)  
}
```

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(68, 158, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 158, 207) }
```

Border

The CSS property to change the border of an element to YUV 136.6760, 34.6697, -60.2289 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(68, 158, 207) }
```


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

```
.border{ border-color:rgb(68, 158, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 158, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 158, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 158, 207);  
box-shadow:4px 4px 4px 4px rgb(68, 158,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 136.6760, 34.6697, -60.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 158, 207) }
```

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

```
.background{ background-color: rgb(68, 158,  
207) }
```

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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