

Converting Colors

YUV(163.2360, 31.9287,
-67.7360)

Have a look what the booklet for
YUV(163.2360, 31.9287, -67.7360)
contains.

YUV(163.2360, 31.9287, -67.7360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.2360, 31.9287,
-67.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	56BEE4
RGB	86, 190, 228
RGB Percent	34%, 75%, 89%
CMY	0.6627, 0.2549, 0.1059
CMYK	0.62, 0.17, 0.00, 0.11
HSL	196°, 72%, 62%
HSV	196°, 62%, 89%
XYZ	36.2548, 44.4068, 80.0593
YIQ	163.2360, -74.1820, -10.2300

Conversions

Conversions Part 2

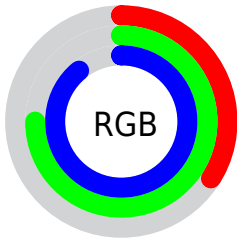
Format	Color
R _Y B	86, 146, 228
Decimal	5684964
CIE Lab	72.50, -18.85, -27.93
CIE LCh	72, 33.695, 235.986
Yxy	44.4068, 0.2256, 0.2763
Android (android.graphics.Color)	4283875044 (0xFF56BEE4)
YUV	163.2360, 31.9287, -67.7360
Hunter-Lab	66.6384, -19.5038, -24.5841

Details

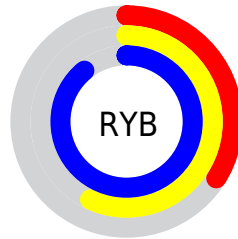
The YUV color **163.2360, 31.9287, -67.7360** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **150.7640, -31.9287, 67.7360**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.7240, 18.3771, -61.1479**, and **100.0270, 35.4827, -87.7237** is the 20% darker color. If you saturate the color by 10%, you get **152.8370, 37.0554, -78.7870**, and if you desaturate by 10%, it is **173.6350, 26.8019, -56.6849**.

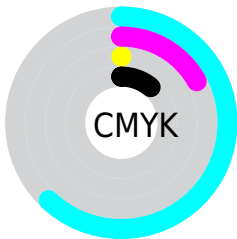
Distribution



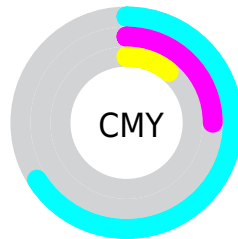
- Red (34%)
- Green (75%)
- Blue (89%)



- Red (34%)
- Yellow (57%)
- Blue (89%)



- Cyan (62%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.2360, 31.9287, -67.7360 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 163.2360, 31.9287, -67.7360 by changing the saturation by 10% instead.

■ 163.2360, 31.9287,
-67.7360

■ 163.2360, 31.9287,
-67.7360

■ 255.0000, 0.0000,
0.0000

■ 133.4310, 32.8185,
-73.1690

■ 217.7240, 18.3771,
-61.1479

■ 100.0270, 35.4827,
-87.7237

■ 231.9770, 11.3503,
-47.3378

■ 81.8010, 31.6501,
-71.7395

■ 240.9470, 6.9281,
-28.8945

■ 64.7490, 27.2387,
-56.7849

■ 249.9170, 2.5059,
-10.4512

■ 47.8110, 23.2642,
-41.9302

■ 32.1610, 19.1476,
-28.2052

■ 16.7390, 15.9047,

-14.6801

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 163.2360, 31.9287,
-67.7360

■ 163.2360, 31.9287,
-67.7360

■ 152.8370, 37.0554,
-78.7870

■ 173.6350, 26.8019,
-56.6849

■ 142.4380, 42.1821,
-89.8381

■ 184.0340, 21.6752,
-45.6338

■ 132.3380, 47.1614,
-100.2744

■ 194.1340, 16.6959,
-35.1975

■ 124.0210, 51.2616,
-108.7664

■ 204.5330, 11.5692,
-24.1464

■ 215.5190, 6.1531,
-13.6102

■ 225.9180, 1.0264,
-2.5591

■ 236.3170, -4.1003,
8.4920

■ 242.5300, -7.1633,
10.9362

■ 246.0520, -8.8996,
7.8474

Harmonies

Analogous

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



158.9610, 22.2042, -75.3878



163.2360, 31.9287, -67.7360



172.9500, 32.5627, -37.6671

Triad

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



163.2360, 31.9287, -67.7360



182.1120, 0.4378, 46.3828



173.0450, -25.1652, -1.7935

Complementary

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



163.2360, 31.9287, -67.7360



150.7640, -31.9287, 67.7360

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.



176.0590, -29.6091, 23.6273



163.2360, 31.9287, -67.7360



180.3610, -13.9820, 51.4264

Square

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



163.2360, 31.9287, -67.7360



182.4760, 15.0483, 26.7695



178.7330, -25.0114, 42.3302



168.6700, -13.1483, -29.5286

Rectangle

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



163.2360, 31.9287, -67.7360



177.8820, 29.1452, -14.8055



178.7330, -25.0114, 42.3302



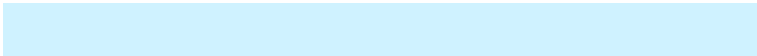
174.1170, -27.6657, 6.9134

Sweetspot

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



163.2360, 31.9287, -67.7360



233.0170, 10.8376, -22.8169



173.6860, -24.4952, -76.9006



114.3340, 6.7373, -14.3249



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.



163.2360, 31.9287, -67.7360



167.9540, 42.9137, -91.1677



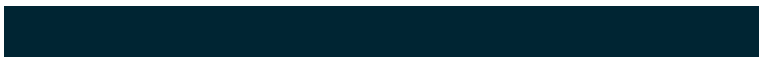
121.5590, 52.4754, -31.1852



109.6510, 2.6371, -5.8329



97.3030, 40.2766, -85.3347



27.5330, 11.5692, -24.1464

Inverse Universe

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



140.3140, 24.4952, 76.9006



137.0690, 32.9970, 103.4255



192.4410, -52.4754, 31.1852



107.6140, 2.1623, 6.4775



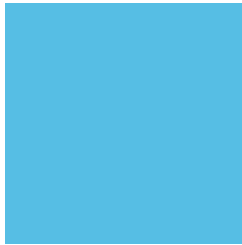
68.4550, 30.8347, 96.9480



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 163.2360, 31.9287, -67.7360 looks on a white background.

Color Contrast Check

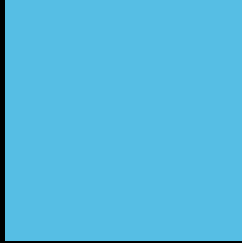
Large Text (above 18pt) WCAG AA × Fail

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 163.2360, 31.9287, -67.7360 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

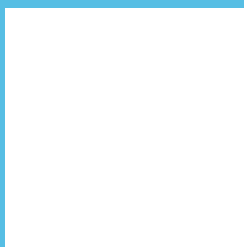
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.2360, 31.9287, -67.7360

Background



This preview shows how black text looks on a background with the YUV color 163.2360, 31.9287, -67.7360.



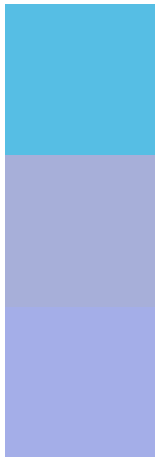
This preview shows how white text looks on a background with the YUV color 163.2360, 31.9287, -67.7360.

-67.7360.

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

163.2360, 31.9287, -67.7360

Protanopia

177.3960, 19.5248, -9.1173

Deuteranopia

177.6220, 26.8084, -11.9465



Tritanopia

160.1400, 24.0880, -72.9138

Trichromacy



Original Color

163.2360, 31.9287, -67.7360

Protanomaly

172.1160, 24.0998, -29.9197

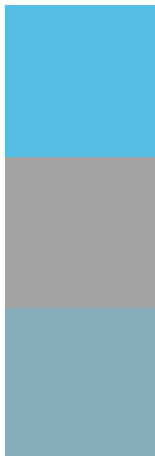
Deuteranomaly

172.6580, 28.7626, -32.1491

Tritanomaly

161.2480, 26.9927, -71.2545

Monochromacy



Original Color

163.2360, 31.9287, -67.7360

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.2340, 11.7166, -24.7612

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.2360, 31.9287, -67.7360 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(86, 190, 228)` looks like.

```
.text, #text, p{  
    color:rgb(86, 190, 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(86, 190, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 190, 228) }
```

Border

The CSS property to change the border of an element to YUV 163.2360, 31.9287, -67.7360 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(86, 190, 228) }
```


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

```
.border{ border-color:rgb(86, 190, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 190, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 190, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 190, 228);  
box-shadow:4px 4px 4px 4px rgb(86, 190,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 163.2360, 31.9287, -67.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 190, 228) }
```

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

```
.background{ background-color: rgb(86, 190,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor