

Converting Colors

YUV(136.6670, 28.2652,
-59.3440)

Have a look what the booklet for
YUV(136.6670, 28.2652, -59.3440)
contains.

YUV(136.6670, 28.2652, -59.3440)	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(136.6670, 28.2652,
-59.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	45A0C2
RGB	69, 160, 194
RGB Percent	27%, 63%, 76%
CMY	0.7294, 0.3725, 0.2392
CMYK	0.64, 0.18, 0.00, 0.24
HSL	196°, 51%, 52%
HSV	196°, 64%, 76%
XYZ	24.7627, 30.3019, 55.5827
YIQ	136.6670, -65.1500, -8.7180

Conversions

Conversions Part 2

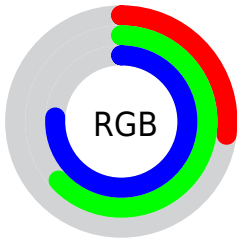
Format	Color
RYB	69, 122, 194
Decimal	4563138
CIELab	61.91, -16.49, -25.51
CIELCh	62, 30.375, 237.113
Yxy	30.3019, 0.2238, 0.2739
Android (android.graphics.Color)	4282753218 (0xFF45A0C2)
YUV	136.6670, 28.2652, -59.3440
Hunter-Lab	55.0471, -16.0352, -21.3338

Details

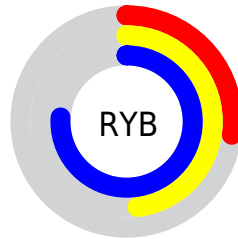
The YUV color **136.6670, 28.2652, -59.3440** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **126.3330, -28.2652, 59.3440**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3900, 28.4017, -56.4700**, and **79.3560, 29.8975, -69.5952** is the 20% darker color. If you saturate the color by 10%, you get **128.0510, 32.5129, -68.4507**, and if you desaturate by 10%, it is **145.2830, 24.0175, -50.2372**.

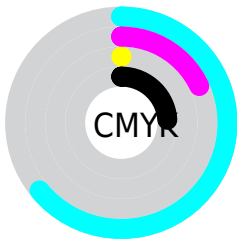
Distribution



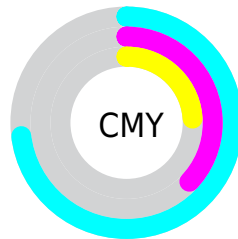
- Red (27%)
- Green (63%)
- Blue (76%)



- Red (27%)
- Yellow (48%)
- Blue (76%)



- Cyan (64%)
- Magenta (18%)
- Yellow (0%)
- Black (24%)



- Cyan (73%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.6670, 28.2652, -59.3440 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 136.6670, 28.2652, -59.3440 by changing the saturation by 10% instead.

■ 136.6670, 28.2652,
-59.3440

■ 136.6670, 28.2652,
-59.3440

■ 255.0000, 0.0000,
0.0000

■ 107.2640, 29.4498,
-66.0065

■ 193.3900, 28.4017,
-56.4700

■ 79.3560, 29.8975,
-69.5952

■ 219.2520, 17.6238,
-52.8410

■ 62.4180, 25.9229,
-54.7406

■ 234.9670, 9.8763,
-41.1901

■ 46.0670, 21.6590,
-40.4008

■ 243.9370, 5.4541,
-22.7467

■ 30.4170, 17.5424,
-26.6757

■ 252.9070, 1.0318,
-4.3034

■ 14.4080, 14.5889,
-12.6358

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 136.6670, 28.2652,
-59.3440

■ 136.6670, 28.2652,
-59.3440

■ 128.0510, 32.5129,
-68.4507

■ 145.2830, 24.0175,
-50.2372

■ 118.5490, 37.1973,
-77.6575

■ 154.7850, 19.3330,
-41.0304

■ 109.9330, 41.4450,
-86.7642

■ 163.4010, 15.0853,
-31.9237

■ 104.8830, 43.9347,
-91.9824

■ 172.3160, 10.6902,
-22.2021

■ 180.9320, 6.4425,
-13.0954

■ 190.1350, 1.9054,
-4.5034

■ 199.0500, -2.4897,
5.2181

■ 207.6660, -6.7373,
14.3249

■ 216.5810,
-11.1324, 24.0465

Harmonies

Analogous

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



132.7340, 19.8511, -67.2957



136.6670, 28.2652, -59.3440



145.5440, 28.3258, -32.0491

Triad

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



136.6670, 28.2652, -59.3440



152.6660, 0.1647, 40.6349



145.2560, -21.8182, -1.9785

Complementary

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



136.6670, 28.2652, -59.3440



126.3330, -28.2652, 59.3440

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.



148.0630, -25.6671, 19.2387



136.6670, 28.2652, -59.3440



151.6590, -12.6499, 44.1491

Square

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



136.6670, 28.2652, -59.3440



153.1830, 12.7278, 24.3955



150.3840, -22.3743, 36.4972



141.3760, -10.5384, -26.6398

Rectangle

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



136.6670, 28.2652, -59.3440



150.1660, 25.0612, -11.5466



150.3840, -22.3743, 36.4972



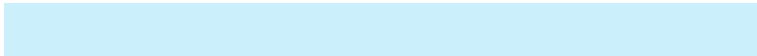
146.4310, -23.8765, 4.8840

Sweetspot

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



136.6670, 28.2652, -59.3440



230.0170, 10.8376, -22.8169



146.1370, -21.7595, -67.6491



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.



136.6670, 28.2652, -59.3440



163.4700, 43.6453, -92.4972



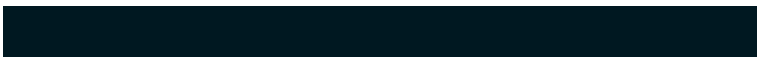
100.2730, 46.2074, -27.4264



92.2490, 2.3422, -4.6034



87.0330, 36.4657, -76.3279



17.8500, 7.4690, -15.6544

Inverse Universe

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



116.7490, 21.3227, 67.7491



132.1940, 33.4284, 105.0699



162.7270, -46.2074, 27.4264



90.7880, 1.5835, 5.4479



61.4770, 27.3728, 87.2817



12.6030, 5.6187, 17.8882

Previews

White Background



This preview shows how the YUV color 136.6670, 28.2652, -59.3440 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 136.6670, 28.2652, -59.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

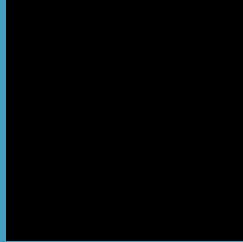
Any Text WCAG AA ✓ Pass

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 136.6670, 28.2652, -59.3440 Background



This preview shows how black text looks on a background with the YUV color 136.6670, 28.2652, -59.3440.



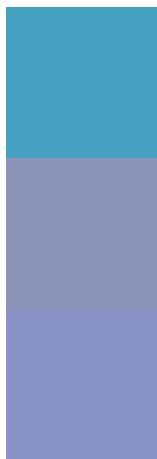
This preview shows how white text looks on a background with the YUV color 136.6670, 28.2652, -59.3440.

-59.3440.

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

136.6670, 28.2652, -59.3440

Protanopia

149.2390, 17.6302, -8.1026

Deuteranopia

149.1230, 23.6034, -10.6319



Tritanopia

133.6850, 20.8613, -64.6217

Trichromacy



Original Color

136.6670, 28.2652, -59.3440

Protanomaly

144.7420, 21.3262, -26.9607

Deuteranomaly

144.4690, 25.4048, -28.4753

Tritanomaly

134.7930, 23.7661, -62.9625

Monochromacy



Original Color

136.6670, 28.2652, -59.3440

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.6150, 10.5428, -21.5874

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6670, 28.2652, -59.3440 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(69, 160, 194)` looks like.

```
.text, #text, p{  
    color:rgb(69, 160, 194)  
}
```

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(69, 160, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 160, 194) }
```

Border

The CSS property to change the border of an element to YUV 136.6670, 28.2652, -59.3440 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(69, 160, 194) }
```


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

```
.border{ border-color:rgb(69, 160, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 160, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 160, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 160, 194);  
box-shadow:4px 4px 4px 4px rgb(69, 160,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 136.6670, 28.2652, -59.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 160, 194) }
```

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

```
.background{ background-color: rgb(69, 160,  
194) }
```

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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