

Converting Colors

YUV(139.6670, 28.2652,
-59.3440)

Have a look what the booklet for
YUV(139.6670, 28.2652, -59.3440)
contains.

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Color

**YUV(139.6670, 28.2652,
-59.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	48A3C5
RGB	72, 163, 197
RGB Percent	28%, 64%, 77%
CMY	0.7176, 0.3608, 0.2275
CMYK	0.63, 0.17, 0.00, 0.23
HSL	196°, 52%, 53%
HSV	196°, 63%, 77%
XYZ	25.8477, 31.6033, 57.5611
YIQ	139.6670, -65.1500, -8.7180

Conversions

Conversions Part 2

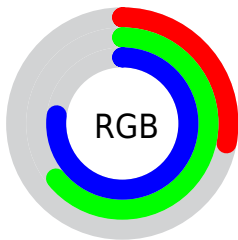
Format	Color
RYB	72, 125, 197
Decimal	4760517
CIELab	63.01, -16.64, -25.49
CIElCh	63, 30.435, 236.865
Yxy	31.6033, 0.2247, 0.2748
Android (android.graphics.Color)	4282950597 (0xFF48A3C5)
YUV	139.6670, 28.2652, -59.3440
Hunter-Lab	56.2168, -16.3076, -21.3559

Details

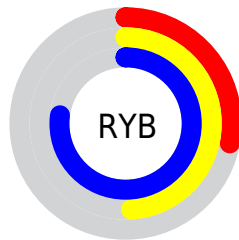
The YUV color **139.6670, 28.2652, -59.3440** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **129.3330, -28.2652, 59.3440**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3900, 28.4017, -56.4700**, and **81.4590, 30.3397, -71.4395** is the 20% darker color. If you saturate the color by 10%, you get **130.7520, 32.6603, -69.0655**, and if you desaturate by 10%, it is **148.5820, 23.8701, -49.6224**.

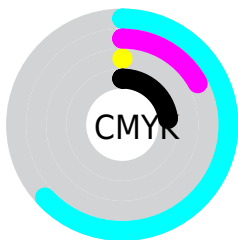
Distribution



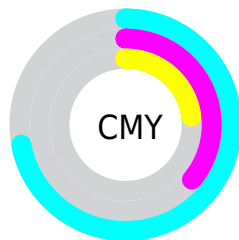
- Red (28%)
- Green (64%)
- Blue (77%)



- Red (28%)
- Yellow (49%)
- Blue (77%)



- Cyan (63%)
- Magenta (17%)
- Yellow (0%)
- Black (23%)



- Cyan (72%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.6670, 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 139.6670, 28.2652, -59.3440 by changing the saturation by 10% instead.

■ 139.6670, 28.2652,
-59.3440

■ 139.6670, 28.2652,
-59.3440

■ 255.0000, 0.0000,
0.0000

■ 110.5630, 29.3024,
-65.3918

■ 196.3900, 28.4017,
-56.4700

■ 81.4590, 30.3397,
-71.4395

■ 221.6110, 16.4608,
-53.1558

■ 64.4070, 25.9283,
-56.4849

■ 235.8640, 9.4340,
-39.3457

■ 47.5830, 22.3906,
-41.7303

■ 244.8340, 5.0118,
-20.9024

■ 31.9330, 18.2740,
-28.0052

■ 253.8040, 0.5896,
-2.4591

■ 17.5710, 14.0155,
-15.4098

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 139.6670, 28.2652,
-59.3440

■ 139.6670, 28.2652,
-59.3440

■ 130.7520, 32.6603,
-69.0655

■ 148.5820, 23.8701,
-49.6224

■ 121.5490, 37.1973,
-77.6575

■ 157.7850, 19.3330,
-41.0304

■ 112.6340, 41.5924,
-87.3790

■ 166.7000, 14.9379,
-31.3089

■ 106.3990, 44.6663,
-93.3119

■ 175.6150, 10.5428,
-21.5874

■ 185.1170, 5.8583,
-12.3806

■ 193.7330, 1.6106,
-3.2738

■ 203.2350, -3.0739,
5.9329

■ 212.1500, -7.4690,
15.6544

■ 220.7660,
-11.7166, 24.7612

Harmonies

Analogous

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



135.7340, 19.8511, -67.2957



139.6670, 28.2652, -59.3440



148.2450, 28.4732, -32.6639

Triad

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



139.6670, 28.2652, -59.3440



155.9650, 0.0173, 41.2497



148.2560, -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.



139.6670, 28.2652, -59.3440



129.3330, -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.



151.2480, -26.2513, 19.9535



139.6670, 28.2652, -59.3440



154.9580, -12.7973, 44.7638

Square

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



139.6670, 28.2652, -59.3440



156.1830, 12.7278, 24.3955



153.3840, -22.3743, 36.4972



144.2620, -10.9752, -26.5398

Rectangle

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



139.6670, 28.2652, -59.3440



152.8670, 25.2086, -12.1614



153.3840, -22.3743, 36.4972



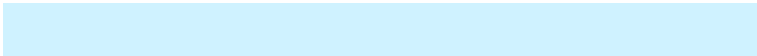
149.6160, -24.4607, 5.5988

Sweetspot

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



139.6670, 28.2652, -59.3440



233.0170, 10.8376, -22.8169



149.1370, -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.



139.6670, 28.2652, -59.3440



165.8830, 43.9347, -91.9824



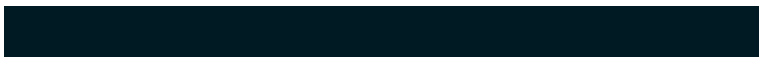
103.2730, 46.2074, -27.4264



95.1350, 1.9054, -4.5034



88.4350, 36.7605, -77.5575



19.3660, 8.2006, -16.9840

Inverse Universe

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



119.7490, 21.3227, 67.7491



135.0800, 32.9916, 105.1698



165.7270, -46.2074, 27.4264



93.4890, 1.7309, 4.8331



62.3030, 27.9516, 88.3113



13.7280, 6.0501, 19.5325

Previews

White Background



This preview shows how the YUV color 139.6670, 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 139.6670, 28.2652, -59.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

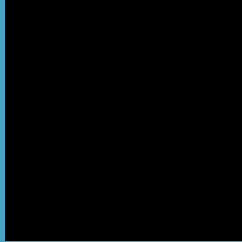
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 139.6670, 28.2652, -59.3440

Background



This preview shows how black text looks on a background with the YUV color 139.6670, 28.2652, -59.3440.



This preview shows how white text looks on a background with the YUV color 139.6670, 28.2652, -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

139.6670, 28.2652, -59.3440

Protanopia

152.2390, 17.6302, -8.1026

Deuteranopia

152.1230, 23.6034, -10.6319



Tritanopia

136.6850, 20.8613, -64.6217

Trichromacy



Original Color

139.6670, 28.2652, -59.3440

Protanomaly

147.7420, 21.3262, -26.9607

Deuteranomaly

147.4690, 25.4048, -28.4753

Tritanomaly

137.7930, 23.7661, -62.9625

Monochromacy



Original Color

139.6670, 28.2652, -59.3440

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.6150, 10.5428, -21.5874

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6670, 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(72, 163, 197)` looks like.

```
.text, #text, p{  
    color:rgb(72, 163, 197)  
}
```

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(72, 163, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 163, 197) }
```

Border

The CSS property to change the border of an element to YUV 139.6670, 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(72, 163, 197) }
```


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

```
.border{ border-color:rgb(72, 163, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 163, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 163, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 163, 197);  
box-shadow:4px 4px 4px 4px rgb(72, 163,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 139.6670, 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(72, 163, 197) }
```

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

```
.background{ background-color: rgb(72, 163,  
197) }
```

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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