

Converting Colors

YUV(139.2930, 28.9426,
-43.2300)

Have a look what the booklet for
YUV(139.2930, 28.9426, -43.2300)
contains.

YUV(139.2930, 28.9426, -43.2300)	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(139.2930, 28.9426,
-43.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	5A99C6
RGB	90, 153, 198
RGB Percent	35%, 60%, 78%
CMY	0.6471, 0.4000, 0.2235
CMYK	0.55, 0.23, 0.00, 0.22
HSL	205°, 49%, 56%
HSV	205°, 55%, 78%
XYZ	25.8007, 29.0333, 57.6702
YIQ	139.2930, -51.9930, 0.6390

Conversions

Conversions Part 2

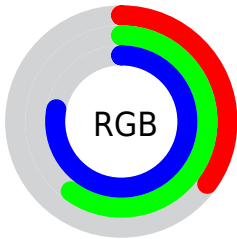
Format	Color
R _Y B	90, 130, 198
Decimal	5937606
CIE Lab	60.81, -7.34, -29.39
CIE LCh	61, 30.288, 255.978
Yxy	29.0333, 0.2293, 0.2581
Android (android.graphics.Color)	4284127686 (0xFF5A99C6)
YUV	139.2930, 28.9426, -43.2300
Hunter-Lab	53.8826, -8.8230, -25.7399

Details

The YUV color **139.2930, 28.9426, -43.2300** 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 **148.7070, -28.9426, 43.2300**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.5320, 29.8107, -41.6856**, and **83.7650, 29.6959, -51.5369** is the 20% darker color. If you saturate the color by 10%, you get **128.6170, 34.2058, -51.4071**, and if you desaturate by 10%, it is **149.9690, 23.6793, -35.0528**.

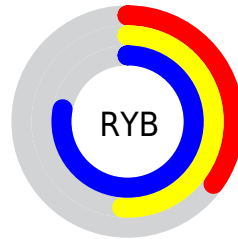
Distribution



Red (35%)

Green (60%)

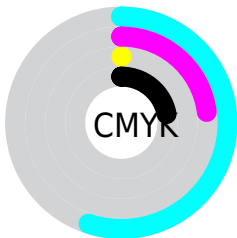
Blue (78%)



Red (35%)

Yellow (51%)

Blue (78%)

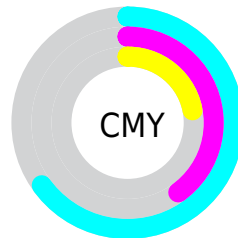


Cyan (55%)

Magenta (23%)

Yellow (0%)

Black (22%)



Cyan (65%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.2930, 28.9426, -43.2300 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 139.2930, 28.9426, -43.2300 by changing the saturation by 10% instead.

■ 139.2930, 28.9426,
-43.2300

■ 139.2930, 28.9426,
-43.2300

■ 255.0000, 0.0000,
0.0000

■ 111.9830, 29.0954,
-45.5891

■ 194.5320, 29.8107,
-41.6856

■ 83.7650, 29.6959,
-51.5369

■ 219.3400, 17.5804,
-38.8862

■ 59.2380, 28.9697,
-51.9517

■ 239.7510, 7.5178,
-31.3536

■ 43.4740, 24.4163,
-38.1267

■ 248.7210, 3.0955,
-12.9103

■ 27.8240, 20.2998,
-24.4016

■ 10.6410, 17.9250,
-9.3322

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 139.2930, 28.9426,
-43.2300

■ 139.2930, 28.9426,
-43.2300

■ 128.6170, 34.2058,
-51.4071

■ 149.9690, 23.6793,
-35.0528

■ 117.9410, 39.4691,
-59.5843

■ 161.2320, 18.1266,
-27.3905

■ 106.9770, 44.8743,
-66.6318

■ 171.6090, 13.0108,
-19.8281

■ 96.3010, 50.1376,
-74.8090

■ 182.2850, 7.7475,
-11.6509

■ 90.0770, 53.2060,
-78.9975

■ 192.9610, 2.4842,
-3.4738

■ 204.2240, -3.0684,
4.1886

■ 214.9000, -8.3317,
12.3657

■ 225.2770,
-13.4476, 19.9281

■ 232.0660,
-16.7945, 20.1131

Harmonies

Analogous

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



131.0530, 26.1029, -65.8215



139.2930, 28.9426, -43.2300



146.5680, 25.3560, -12.7761

Triad

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



139.2930, 28.9426, -43.2300



149.5110, -8.1399, 44.2789



139.8780, -15.2229, -17.4330

Complementary

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



139.2930, 28.9426, -43.2300



148.7070, -28.9426, 43.2300

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.



144.0290, -24.1713, 6.1136



139.2930, 28.9426, -43.2300



147.9160, -19.1856, 40.4157

Square

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



139.2930, 28.9426, -43.2300



150.4850, 4.6909, 35.5317



146.2210, -25.2520, 26.1162



135.3940, -1.1802, -41.5645

Rectangle

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



139.2930, 28.9426, -43.2300



149.6090, 19.9128, 6.4819



146.2210, -25.2520, 26.1162



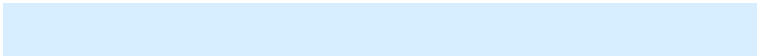
141.3090, -18.8863, -9.0410

Sweetspot

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



139.2930, 28.9426, -43.2300



232.7620, 10.9633, -16.4543



158.5260, -11.5983, -60.0973



114.0680, 6.8685, -9.7066



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.



139.2930, 28.9426, -43.2300



164.8630, 44.4375, -66.5319



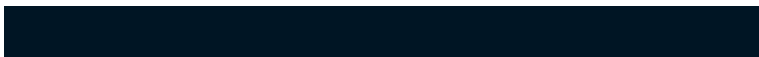
107.5950, 44.5697, -15.4308



93.9610, 2.4842, -3.4738



74.3470, 43.7059, -65.2023



16.4310, 9.6475, -14.4100

Inverse Universe

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



129.4740, 11.5983, 60.0973



149.6920, 17.8998, 92.3551



180.4050, -44.5697, 15.4308



93.2610, 0.8573, 5.0331



59.5670, 17.4685, 90.7107



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 139.2930, 28.9426, -43.2300 looks on a white background.

Color Contrast Check

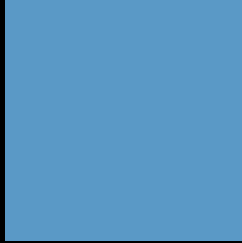
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.2930, 28.9426, -43.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

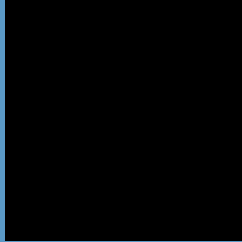
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 139.2930, 28.9426, -43.2300

Background



This preview shows how black text looks on a background with the YUV color 139.2930, 28.9426, -43.2300.



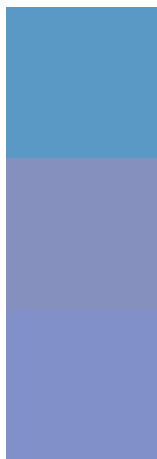
This preview shows how white text looks on a background with the YUV color 139.2930, 28.9426, -43.2300.

-43.2300.

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

139.2930, 28.9426, -43.2300

Protanopia

146.0690, 22.1510, -11.4615

Deuteranopia

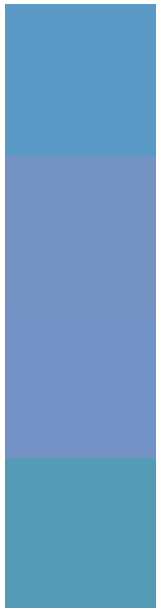
145.8990, 26.6718, -14.8204



Tritanopia

136.1600, 17.1761, -49.2523

Trichromacy



Original Color

139.2930, 28.9426, -43.2300

Protanomaly

143.3880, 24.9517, -23.1423

Deuteranomaly

143.3600, 27.4305, -24.8717

Tritanomaly

137.3220, 21.5333, -46.7634

Monochromacy



Original Color

139.2930, 28.9426, -43.2300

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9470, 10.3791, -15.7395

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.2930, 28.9426, -43.2300 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(90, 153, 198)` looks like.

```
.text, #text, p{  
    color:rgb(90, 153, 198)  
}
```

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(90, 153, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 153, 198) }
```

Border

The CSS property to change the border of an element to YUV 139.2930, 28.9426, -43.2300 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(90, 153, 198) }
```


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

```
.border{ border-color:rgb(90, 153, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 153, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 153, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 153, 198);  
box-shadow:4px 4px 4px 4px rgb(90, 153,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 139.2930, 28.9426, -43.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 153, 198) }
```

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

```
.background{ background-color: rgb(90, 153,  
198) }
```

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