

Converting Colors

YUV(140.0070, 22.6745,
-39.4711)

Have a look what the booklet for
YUV(140.0070, 22.6745, -39.4711)
contains.

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Color

**YUV(140.0070, 22.6745,
-39.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9ABA
RGB	95, 154, 186
RGB Percent	37%, 60%, 73%
CMY	0.6275, 0.3961, 0.2706
CMYK	0.49, 0.17, 0.00, 0.27
HSL	201°, 40%, 55%
HSV	201°, 49%, 73%
XYZ	25.1378, 29.0893, 50.7443
YIQ	140.0070, -45.4360, -2.5560

Conversions

Conversions Part 2

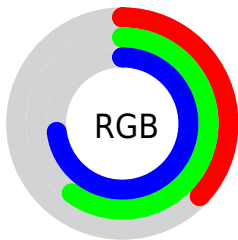
Format	Color
R _Y B	95, 131, 186
Decimal	6265530
CIE Lab	60.86, -10.35, -22.54
CIE LCh	61, 24.806, 245.345
Yxy	29.0893, 0.2395, 0.2771
Android (android.graphics.Color)	4284455610 (0xFF5F9ABA)
YUV	140.0070, 22.6745, -39.4711
Hunter-Lab	53.9345, -11.1898, -18.0289

Details

The YUV color `140.0070, 22.6745, -39.4711` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `140.9930, -22.6745, 39.4711`, and the grayscale version is `140.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `194.5340, 23.4007, -39.0563`, and `86.6860, 22.8328, -43.5746` is the 20% darker color. If you saturate the color by 10%, you get `130.2170, 27.5010, -47.5483`, and if you desaturate by 10%, it is `149.7970, 17.8481, -31.3940`.

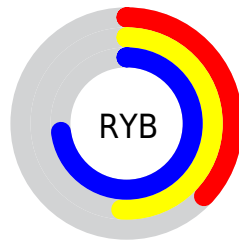
Distribution



Red (37%)

Green (60%)

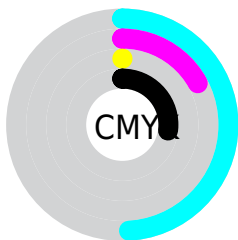
Blue (73%)



Red (37%)

Yellow (51%)

Blue (73%)

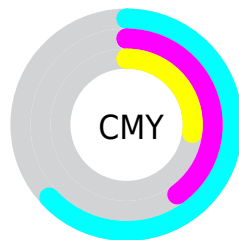


Cyan (49%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (63%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.0070, 22.6745, -39.4711 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 140.0070, 22.6745, -39.4711 by changing the saturation by 10% instead.

■ 140.0070, 22.6745,
-39.4711

■ 140.0070, 22.6745,
-39.4711

255.0000, 0.0000,
0.0000

■ 113.2950, 22.5326,
-40.6007

■ 194.5340, 23.4007,
-39.0563

■ 86.6860, 22.8328,
-43.5746

■ 221.4110, 16.5594,
-38.0714

■ 58.5710, 23.8755,
-51.3668

■ 240.6480, 7.0755,
-29.5093

■ 42.3340, 20.0483,
-37.1269

■ 249.3190, 2.8007,
-11.6808

■ 27.3850, 16.0792,
-24.0166

■ 9.0280, 14.2832,
-7.9176

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 140.0070, 22.6745,
-39.4711

■ 140.0070, 22.6745,
-39.4711

■ 130.2170, 27.5010,
-47.5483

■ 149.7970, 17.8481,
-31.3940

■ 121.3130, 31.8907,
-55.5255

■ 158.7010, 13.4584,
-23.4168

■ 111.5230, 36.7172,
-63.6027

■ 168.4910, 8.6319,
-15.3396

■ 102.6190, 41.1068,
-71.5799

■ 177.3950, 4.2423,
-7.3624

■ 92.8290, 45.9333,
-79.6570

■ 187.1850, -0.5842,
0.7148

■ 92.2310, 46.2281,
-80.8866

■ 196.3880, -5.1213,
9.3067

■ 205.8790, -9.8003,
16.7691

■ 215.0820,
-14.3374, 25.3611

■ 222.4800,
-17.9846, 28.5200

Harmonies

Analogous

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



136.1600, 17.1761, -49.2523



140.0070, 22.6745, -39.4711



145.9110, 21.7359, -18.3389

Triad

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



140.0070, 22.6745, -39.4711



150.1230, -3.0186, 34.9721



142.8300, -15.6922, -6.8669

Complementary

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



140.0070, 22.6745, -39.4711



140.9930, -22.6745, 39.4711

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.



145.5720, -20.9880, 11.7764



140.0070, 22.6745, -39.4711



148.6040, -12.6228, 35.4273

Square

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



140.0070, 22.6745, -39.4711



150.2170, 7.7810, 24.3657



147.1270, -19.2896, 27.0756



139.3420, -5.5916, -26.6099

Rectangle

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



140.0070, 22.6745, -39.4711



148.2120, 18.6295, -1.9399



147.1270, -19.2896, 27.0756



143.5920, -18.0399, -0.5192

Sweetspot

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



140.0070, 22.6745, -39.4711



223.6050, 9.0687, -15.4396



152.0650, -12.3570, -50.0460



111.3130, 5.2687, -9.9215



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



140.0070, 22.6745, -39.4711



169.8930, 35.5488, -62.1732



113.5920, 35.6971, -16.3052



87.5480, 2.1948, -3.9886



77.0710, 38.9120, -67.5913



13.7580, 7.0213, -12.0658

Inverse Universe

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



128.9350, 12.3570, 50.0460



152.3590, 19.5430, 78.6152



167.4080, -35.6971, 16.3052



86.3750, 1.2941, 4.9331



58.1580, 21.1211, 85.8074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 140.0070, 22.6745, -39.4711 looks on a white background.

Color Contrast Check

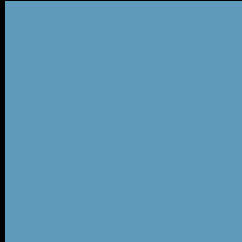
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.0070, 22.6745, -39.4711 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

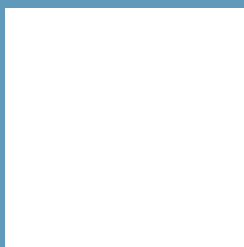
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.0070, 22.6745, -39.4711

Background



This preview shows how black text looks on a background with the YUV color 140.0070, 22.6745, -39.4711.



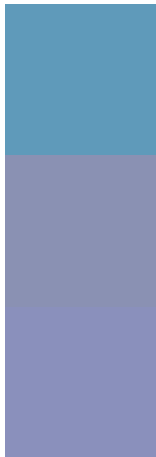
This preview shows how white text looks on a background with the YUV color 140.0070, 22.6745, -39.4711.

-39.4711.

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

140.0070, 22.6745, -39.4711

Protanopia

146.7830, 15.8830, -7.7027

Deuteranopia

147.2220, 20.1036, -8.0877



Tritanopia

138.4490, 15.5546, -42.4898

Trichromacy



Original Color

140.0070, 22.6745, -39.4711

Protanomaly

144.1020, 18.6837, -19.3835

Deuteranomaly

144.6720, 20.8677, -19.8833

Tritanomaly

139.1440, 18.1700, -41.3453

Monochromacy



Original Color

140.0070, 22.6745, -39.4711

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0890, 8.3371, -14.1101

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.0070, 22.6745, -39.4711 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(95, 154, 186)` looks like.

```
.text, #text, p{  
    color:rgb(95, 154, 186)  
}
```

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(95, 154, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 154, 186) }
```

Border

The CSS property to change the border of an element to YUV 140.0070, 22.6745, -39.4711 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(95, 154, 186) }
```


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

```
.border{ border-color:rgb(95, 154, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 154, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 154, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 154, 186);  
box-shadow:4px 4px 4px 4px rgb(95, 154,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 140.0070, 22.6745, -39.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 154, 186) }
```

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

```
.background{ background-color: rgb(95, 154,  
186) }
```

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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