

Converting Colors

YUV(138.4120, 31.8419,
-39.8263)

Have a look what the booklet for
YUV(138.4120, 31.8419, -39.8263)
contains.

YUV(138.4120, 31.8419, -39.8263)	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(138.4120, 31.8419,
-39.8263)**

Conversions

Conversions Part 1

Format	Color
Hex	5D95CB
RGB	93, 149, 203
RGB Percent	36%, 58%, 80%
CMY	0.6353, 0.4157, 0.2039
CMYK	0.54, 0.27, 0.00, 0.20
HSL	209°, 51%, 58%
HSV	209°, 54%, 80%
XYZ	26.0411, 28.1338, 60.5578
YIQ	138.4120, -50.7100, 4.9220

Conversions

Conversions Part 2

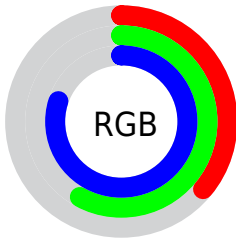
Format	Color
R _Y B	93, 130, 203
Decimal	6133195
CIE Lab	60.01, -2.88, -33.42
CIE LCh	60, 33.548, 265.074
Yxy	28.1338, 0.2270, 0.2452
Android (android.graphics.Color)	4284323275 (0xFF5D95CB)
YUV	138.4120, 31.8419, -39.8263
Hunter-Lab	53.0413, -5.1861, -30.5630

Details

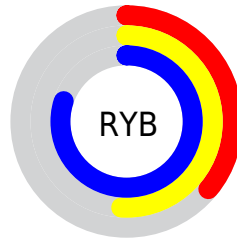
The YUV color **138.4120, 31.8419, -39.8263** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **157.5880, -31.8419, 39.8263**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0810, 30.5261, -37.7820**, and **83.7700, 32.1584, -48.0333** is the 20% darker color. If you saturate the color by 10%, you get **126.5620, 37.6839, -46.9739**, and if you desaturate by 10%, it is **150.2620, 25.9998, -32.6788**.

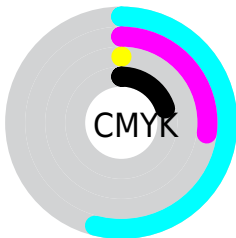
Distribution



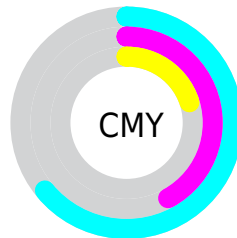
- Red (36%)
- Green (58%)
- Blue (80%)



- Red (36%)
- Yellow (51%)
- Blue (80%)



- Cyan (54%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.4120, 31.8419, -39.8263 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 138.4120, 31.8419, -39.8263 by changing the saturation by 10% instead.

■ 138.4120, 31.8419,
-39.8263

■ 138.4120, 31.8419,
-39.8263

255.0000, 0.0000,
0.0000

■ 111.2870, 31.4105,
-41.4707

■ 193.0810, 30.5261,
-37.7820

■ 83.7700, 32.1584,
-48.0333

■ 217.8890, 18.2957,
-34.9827

■ 58.0470, 32.0218,
-50.9072

■ 240.6480, 7.0755,
-29.5093

■ 42.1690, 27.0317,
-36.9822

■ 249.6180, 2.6533,
-11.0660

■ 27.1060, 22.6257,
-23.7720

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 138.4120, 31.8419,
-39.8263

■ 138.4120, 31.8419,
-39.8263

■ 126.5620, 37.6839,
-46.9739

■ 150.2620, 25.9998,
-32.6788

■ 114.4130, 43.6734,
-54.7362

■ 162.4110, 20.0104,
-24.9164

■ 102.5630, 49.5154,
-61.8838

■ 174.2610, 14.1683,
-17.7689

■ 90.7130, 55.3575,
-69.0313

■ 186.1110, 8.3263,
-10.6213

■ 83.6030, 58.8627,
-73.3198

■ 198.2600, 2.3368,
-2.8590

■ 210.1100, -3.5052,
4.2885

■ 221.9600, -9.3473,
11.4361

■ 233.8100,
-15.1893, 18.5836

■ 239.6800,
-18.0832, 13.4356

Harmonies

Analogous

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



125.1210, 32.9713, -75.5281



138.4120, 31.8419, -39.8263



146.3240, 25.4763, -4.6691

Triad

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



138.4120, 31.8419, -39.8263



146.3930, -12.5187, 48.7673



135.7950, -12.7169, -27.8842

Complementary

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



138.4120, 31.8419, -39.8263



157.5880, -31.8419, 39.8263

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.



139.8710, -24.5864, -0.7639



138.4120, 31.8419, -39.8263



145.0640, -23.6956, 40.2859

Square

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



138.4120, 31.8419, -39.8263



148.0300, 1.4642, 43.8237



142.6890, -28.4407, 22.1977



129.2010, 4.8309, -56.3043

Rectangle

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



138.4120, 31.8419, -39.8263



148.7350, 18.8646, 16.0184



142.6890, -28.4407, 22.1977



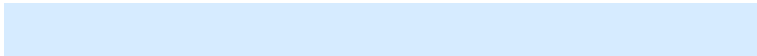
137.2970, -17.4014, -18.6775

Sweetspot

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



138.4120, 31.8419, -39.8263



231.0010, 11.8315, -14.9099



163.6120, -8.6827, -61.9267



113.4810, 7.1579, -9.1918



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.



138.4120, 31.8419, -39.8263



157.8190, 47.9102, -60.3543



106.7140, 47.4690, -12.0272



96.0750, 2.9210, -3.5738



68.2320, 48.1996, -59.8395



15.4850, 11.0999, -13.5803

Inverse Universe

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



132.2740, 8.2459, 62.0267



148.3240, 12.6583, 93.5549



189.2860, -47.4690, 12.0272



95.5600, 0.7099, 5.6479



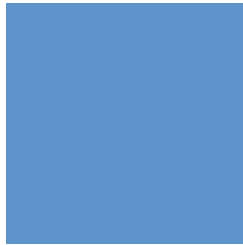
59.2100, 12.2215, 93.6548



13.5280, 2.6977, 21.4619

Previews

White Background



This preview shows how the YUV color 138.4120, 31.8419, -39.8263 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 138.4120, 31.8419, -39.8263 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 138.4120, 31.8419, -39.8263

Background



This preview shows how black text looks on a background with the YUV color 138.4120, 31.8419, -39.8263.



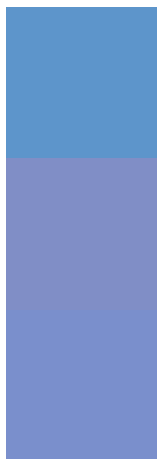
This preview shows how white text looks on a background with the YUV color 138.4120, 31.8419, -39.8263.

-39.8263.

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

138.4120, 31.8419, -39.8263

Protanopia

144.1980, 26.5244, -14.2056

Deuteranopia

143.6750, 29.7402, -19.0090



Tritanopia

134.6440, 16.4445, -47.9228

Trichromacy



Original Color

138.4120, 31.8419, -39.8263

Protanomaly

142.3000, 28.4461, -23.9421

Deuteranomaly

141.5600, 30.7829, -26.8011

Tritanomaly

135.8600, 22.2540, -44.6042

Monochromacy



Original Color

138.4120, 31.8419, -39.8263

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.3000, 11.6841, -14.2951

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.4120, 31.8419, -39.8263 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(93, 149, 203)` looks like.

```
.text, #text, p{  
    color:rgb(93, 149, 203)  
}
```

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(93, 149, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 149, 203) }
```

Border

The CSS property to change the border of an element to YUV 138.4120, 31.8419, -39.8263 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(93, 149, 203) }
```


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

```
.border{ border-color:rgb(93, 149, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 149, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 149, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 149, 203);  
box-shadow:4px 4px 4px 4px rgb(93, 149,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 138.4120, 31.8419, -39.8263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 149, 203) }
```

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

```
.background{ background-color: rgb(93, 149,  
203) }
```

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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