

Converting Colors

YUV(138.5680, 38.6670,
-35.5781)

Have a look what the booklet for
YUV(138.5680, 38.6670, -35.5781)
contains.

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Color

**YUV(138.5680, 38.6670,
-35.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	6290D9
RGB	98, 144, 217
RGB Percent	38%, 56%, 85%
CMY	0.6157, 0.4353, 0.1490
CMYK	0.55, 0.34, 0.00, 0.15
HSL	217°, 61%, 62%
HSV	217°, 55%, 85%
XYZ	27.5346, 27.5529, 69.5127
YIQ	138.5680, -50.8490, 12.9510

Conversions

Conversions Part 2

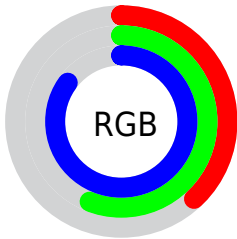
Format	Color
R_{YB}	98, 131, 217
Decimal	6459609
CIE _{Lab}	59.48, 5.48, -42.07
CIE _{LCh}	59, 42.426, 277.425
Yxy	27.5529, 0.2210, 0.2211
Android (android.graphics.Color)	4284649689 (0xFF6290D9)
YUV	138.5680, 38.6670, -35.5781
Hunter-Lab	52.4909, 1.7750, -41.7729

Details

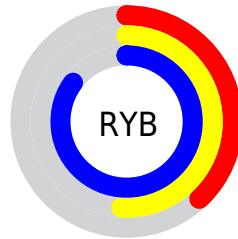
The YUV color **138.5680, 38.6670, -35.5781** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **176.4320, -38.6670, 35.5781**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9400, 31.0886, -31.5194**, and **83.5130, 38.6941, -44.2999** is the 20% darker color. If you saturate the color by 10%, you get **124.3590, 45.6720, -42.4108**, and if you desaturate by 10%, it is **152.7770, 31.6619, -28.7454**.

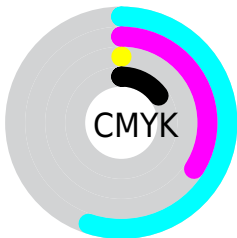
Distribution



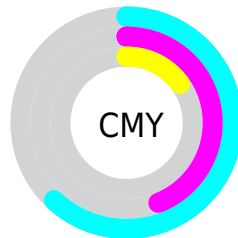
- Red (38%)
- Green (56%)
- Blue (85%)



- Red (38%)
- Yellow (51%)
- Blue (85%)



- Cyan (55%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (62%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.5680, 38.6670, -35.5781 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 138.5680, 38.6670, -35.5781 by changing the saturation by 10% instead.

■ 138.5680, 38.6670,
-35.5781

■ 138.5680, 38.6670,
-35.5781

255.0000, 0.0000,
0.0000

■ 111.7310, 38.0936,
-38.3521

■ 191.9400, 31.0886,
-31.5194

■ 83.5130, 38.6941,
-44.2999

■ 216.4600, 19.0002,
-27.5904

■ 57.0670, 38.4210,
-50.0478

■ 242.1540, 6.3331,
-24.6911

■ 41.1890, 33.4308,
-36.1228

■ 251.7110, 1.6215,
-6.7625

■ 26.7130, 28.7355,
-23.4273

■ 9.3020, 25.4871,
-8.1579

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 138.5680, 38.6670,
-35.5781

■ 138.5680, 38.6670,
-35.5781

■ 124.3590, 45.6720,
-42.4108

■ 152.7770, 31.6619,
-28.7454

■ 109.8620, 52.8190,
-48.1140

■ 167.2740, 24.5149,
-23.0423

■ 95.6530, 59.8241,
-54.9467

■ 181.4830, 17.5099,
-16.2096

■ 81.4440, 66.8291,
-61.7794

■ 195.6920, 10.5048,
-9.3769

■ 74.0460, 70.4763,
-64.9383

■ 210.4880, 3.2104,
-3.0590

■ 224.3980, -3.6472,
3.1590

■ 238.6070,
-10.6523, 9.9917

■ 247.7330,
-15.1514, 6.3732

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



115.0390, 47.3088, -100.8892



138.5680, 38.6670, -35.5781



146.9930, 27.6115, 10.5301

Triad

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



138.5680, 38.6670, -35.5781



143.1570, -21.2764, 57.7443



126.5360, -6.6732, -53.0901

Complementary

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



138.5680, 38.6670, -35.5781



176.4320, -38.6670, 35.5781

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.



134.7290, -25.9954, -15.5483



138.5680, 38.6670, -35.5781



141.8440, -33.4471, 41.3558

Square

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



138.5680, 38.6670, -35.5781



144.8210, -4.8418, 59.7930



139.1090, -35.5497, 15.6904



112.4220, 19.5120, -98.5941

Rectangle

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



138.5680, 38.6670, -35.5781



147.6170, 17.9368, 33.6619



139.1090, -35.5497, 15.6904



130.3760, -13.9894, -39.7948

Sweetspot

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



138.5680, 38.6670, -35.5781



228.0660, 13.2785, -12.3359



175.9470, -3.4249, -68.3595



111.7200, 8.0260, -7.6474



0.0000, 0.0000, 0.0000



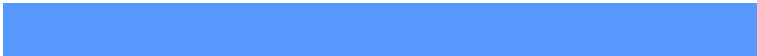
128.0000, 0.0000, 0.0000

Same Dimension

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



138.5680, 38.6670, -35.5781



144.3070, 54.5716, -50.2582



115.1540, 50.2101, -4.5201



102.6020, 3.6472, -3.1590



59.0510, 56.1769, -51.7877



15.8100, 14.8837, -13.8654

Inverse Universe

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



138.8250, 2.5513, 68.5595



144.6420, 3.6275, 96.7840



199.8460, -50.2101, 4.5201



102.7450, 0.1257, 6.3626



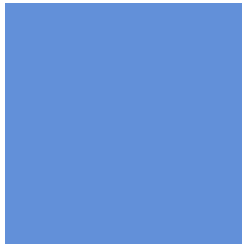
59.3650, 3.7641, 99.6579



15.8060, 1.0816, 26.4801

Previews

White Background



This preview shows how the YUV color 138.5680, 38.6670, -35.5781 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 138.5680, 38.6670, -35.5781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

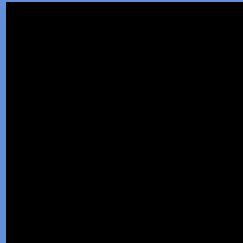
Any Text WCAG AA ✓ Pass

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 138.5680, 38.6670, -35.5781 Background



This preview shows how black text looks on a background with the YUV color 138.5680, 38.6670, -35.5781.



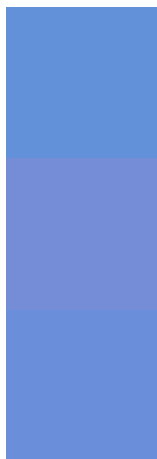
This preview shows how white text looks on a background with the YUV color 138.5680, 38.6670, -35.5781.

-35.5781.

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

138.5680, 38.6670, -35.5781

Protanopia

141.5590, 35.7134, -21.5382

Deuteranopia

139.7860, 38.0665, -29.6303



Tritanopia

133.0570, 16.7339, -47.4080

Trichromacy



Original Color

138.5680, 38.6670, -35.5781

Protanomaly

140.1670, 36.8927, -26.4565

Deuteranomaly

139.4760, 38.2193, -31.9895

Tritanomaly

134.8540, 24.7220, -42.8450

Monochromacy



Original Color

138.5680, 38.6670, -35.5781

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.8810, 13.8627, -13.0506

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.5680, 38.6670, -35.5781 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(98, 144, 217)` looks like.

```
.text, #text, p{  
    color:rgb(98, 144, 217)  
}
```

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(98, 144, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 144, 217) }
```

Border

The CSS property to change the border of an element to YUV 138.5680, 38.6670, -35.5781 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(98, 144, 217) }
```


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

```
.border{ border-color:rgb(98, 144, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 144, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 144, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 144, 217);  
box-shadow:4px 4px 4px 4px rgb(98, 144,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 138.5680, 38.6670, -35.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 144, 217) }
```

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

```
.background{ background-color: rgb(98, 144,  
217) }
```

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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