

Converting Colors

YUV(138.2320, 38.3396,
-23.8825)

Have a look what the booklet for
YUV(138.2320, 38.3396, -23.8825)
contains.

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Color

**YUV(138.2320, 38.3396,
-23.8825)**

Conversions

Conversions Part 1

Format	Color
Hex	6F89D8
RGB	111, 137, 216
RGB Percent	44%, 54%, 85%
CMY	0.5647, 0.4627, 0.1529
CMYK	0.49, 0.37, 0.00, 0.15
HSL	225°, 57%, 64%
HSV	225°, 49%, 85%
XYZ	27.8959, 26.2287, 68.5581
YIQ	138.2320, -40.8550, 19.0570

Conversions

Conversions Part 2

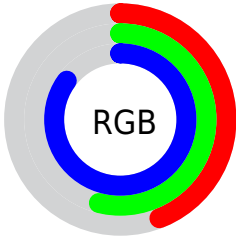
Format	Color
RYB	111, 132, 216
Decimal	7309784
CIELab	58.25, 12.22, -43.40
CIELCh	58, 45.085, 285.728
Yxy	26.2287, 0.2274, 0.2138
Android (android.graphics.Color)	4285499864 (0xFF6F89D8)
YUV	138.2320, 38.3396, -23.8825
Hunter-Lab	51.2140, 7.6032, -43.5194

Details

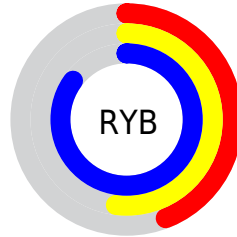
The YUV color **138.2320, 38.3396, -23.8825** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **188.7680, -38.3396, 23.8825**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5330, 31.7822, -20.6384**, and **85.8570, 37.0455, -28.8156** is the 20% darker color. If you saturate the color by 10%, you get **122.2620, 46.2128, -29.1708**, and if you desaturate by 10%, it is **154.2020, 30.4664, -18.5942**.

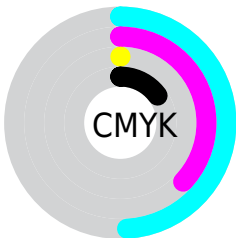
Distribution



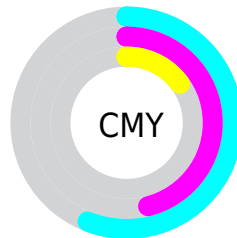
- Red (44%)
- Green (54%)
- Blue (85%)



- Red (44%)
- Yellow (52%)
- Blue (85%)



- Cyan (49%)
- Magenta (37%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (46%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2320, 38.3396, -23.8825 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 138.2320, 38.3396, -23.8825 by changing the saturation by 10% instead.

■ 138.2320, 38.3396,
-23.8825

■ 138.2320, 38.3396,
-23.8825

255.0000, 0.0000,
0.0000

■ 111.9930, 37.4715,
-25.4269

■ 190.5330, 31.7822,
-20.6384

■ 85.8570, 37.0455,
-28.8156

■ 215.6400, 19.4045,
-17.2243

■ 57.6170, 37.6568,
-38.2521

■ 240.7470, 7.0267,
-13.8101

■ 37.5530, 34.7304,
-32.9340

■ 23.6640, 29.7456,
-20.7533

■ 8.0140, 25.6291,
-7.0283

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 138.2320, 38.3396,
-23.8825

■ 138.2320, 38.3396,
-23.8825

■ 122.2620, 46.2128,
-29.1708

■ 154.2020, 30.4664,
-18.5942

■ 106.0040, 54.2280,
-33.3295

■ 170.4600, 22.4512,
-14.4354

■ 90.0340, 62.1012,
-38.6178

■ 186.4300, 14.5780,
-9.1471

■ 74.3630, 69.8270,
-43.2914

■ 202.1010, 6.8522,
-4.4736

■ 58.3930, 77.7003,
-48.5797

■ 218.0710, -1.0210,
0.8147

■ 55.7350, 79.0106,
-48.8796

■ 234.6280, -9.1836,
5.5882

■ 248.2060,
-15.8776, 5.9583

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



112.6740, 50.9397, -98.8151



138.2320, 38.3396, -23.8825



143.7880, 25.2475, 22.1109

Triad

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



138.2320, 38.3396, -23.8825



139.6640, -26.9494, 57.2997



113.7760, 2.5754, -79.6106

Complementary

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



138.2320, 38.3396, -23.8825



188.7680, -38.3396, 23.8825

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.



129.1620, -22.7579, -27.3291



138.2320, 38.3396, -23.8825



137.4860, -37.2146, 36.4078

Square

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



138.2320, 38.3396, -23.8825



140.5890, -9.6574, 64.3814



134.2390, -36.1068, 7.6834



112.1600, 23.5851, -98.3643

Rectangle

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



138.2320, 38.3396, -23.8825



143.7710, 14.4099, 44.9278



134.2390, -36.1068, 7.6834



121.5850, -7.6834, -55.7640

Sweetspot

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



138.2320, 38.3396, -23.8825



226.6150, 13.9938, -8.4324



181.6410, 4.1210, -61.9522



110.5570, 8.5994, -4.8735



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.



138.2320, 38.3396, -23.8825



145.5910, 53.9386, -33.8443



130.7440, 42.0312, 5.4865



99.0150, 3.9366, -2.6442



44.1480, 62.5380, -38.7178



11.3590, 15.5990, -9.9618

Inverse Universe

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



145.3590, -4.1210, 61.9522



155.4700, -5.6547, 87.2878



196.2560, -42.0312, -5.4865



99.6310, -0.3111, 6.4626



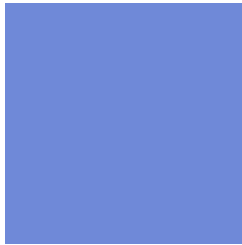
55.9170, -6.8611, 100.9278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 138.2320, 38.3396, -23.8825 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 138.2320, 38.3396, -23.8825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

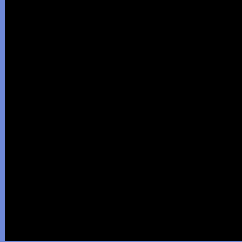
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.2320, 38.3396, -23.8825

Background



This preview shows how black text looks on a background with the YUV color 138.2320, 38.3396, -23.8825.



This preview shows how white text looks on a background with the YUV color 138.2320, 38.3396, -23.8825.

-23.8825.

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

138.2320, 38.3396, -23.8825

Protanopia

138.2320, 38.3396, -23.8825

Deuteranopia

136.3020, 38.7981, -30.9599



Tritanopia

133.2220, 13.2016, -34.3977

Trichromacy



Original Color

138.2320, 38.3396, -23.8825

Protanomaly

138.2320, 38.3396, -23.8825

Deuteranomaly

136.9110, 38.4979, -27.9859

Tritanomaly

134.9480, 22.2106, -30.6494

Monochromacy



Original Color

138.2320, 38.3396, -23.8825

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.2020, 13.7044, -8.9472

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2320, 38.3396, -23.8825 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(111, 137, 216)` looks like.

```
.text, #text, p{  
    color:rgb(111, 137, 216)  
}
```

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(111, 137, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 137, 216) }
```

Border

The CSS property to change the border of an element to YUV 138.2320, 38.3396, -23.8825 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(111, 137, 216) }
```


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

```
.border{ border-color:rgb(111, 137, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 137, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 137, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 137, 216);  
box-shadow:4px 4px 4px 4px rgb(111, 137,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 138.2320, 38.3396, -23.8825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 137, 216) }
```

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

```
.background{ background-color: rgb(111,  
137, 216) }
```

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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