

Converting Colors

YUV(136.8300, 38.0448,
-22.6529)

Have a look what the booklet for
YUV(136.8300, 38.0448, -22.6529)
contains.

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Color

**YUV(136.8300, 38.0448,
-22.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	6F87D6
RGB	111, 135, 214
RGB Percent	44%, 53%, 84%
CMY	0.5647, 0.4706, 0.1608
CMYK	0.48, 0.37, 0.00, 0.16
HSL	226°, 56%, 64%
HSV	226°, 48%, 84%
XYZ	27.3571, 25.5625, 67.1105
YIQ	136.8300, -39.6630, 19.4810

Conversions

Conversions Part 2

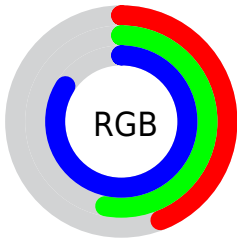
Format	Color
RYB	111, 130, 214
Decimal	7309270
CIELab	57.62, 12.80, -43.28
CIElCh	58, 45.129, 286.479
Yxy	25.5625, 0.2279, 0.2130
Android (android.graphics.Color)	4285499350 (0xFF6F87D6)
YUV	136.8300, 38.0448, -22.6529
Hunter-Lab	50.5594, 8.1055, -43.3077

Details

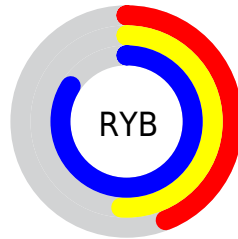
The YUV color **136.8300, 38.0448, -22.6529** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **188.1700, -38.0448, 22.6529**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3590, 32.3610, -19.6088**, and **84.4550, 36.7507, -27.5860** is the 20% darker color. If you saturate the color by 10%, you get **121.1590, 45.7706, -27.3264**, and if you desaturate by 10%, it is **152.5010, 30.3190, -17.9794**.

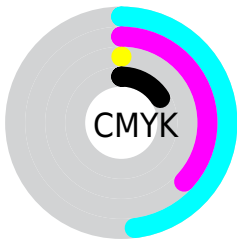
Distribution



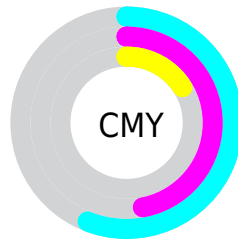
- Red (44%)
- Green (53%)
- Blue (84%)



- Red (44%)
- Yellow (51%)
- Blue (84%)



- Cyan (48%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8300, 38.0448, -22.6529 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 136.8300, 38.0448, -22.6529 by changing the saturation by 10% instead.

■ 136.8300, 38.0448,
-22.6529

■ 136.8300, 38.0448,
-22.6529

255.0000, 0.0000,
0.0000

■ 110.5910, 37.1766,
-24.1973

■ 189.3590, 32.3610,
-19.6088

■ 84.4550, 36.7507,
-27.5860

■ 214.4660, 19.9833,
-16.1947

■ 56.5140, 37.2146,
-36.4078

■ 239.5730, 7.6055,
-12.7805

■ 36.2650, 34.8724,
-31.8044

■ 22.2620, 29.4508,
-19.5238

■ 8.9600, 24.1767,
-7.8579

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 136.8300, 38.0448,
-22.6529

■ 136.8300, 38.0448,
-22.6529

■ 121.1590, 45.7706,
-27.3264

■ 152.5010, 30.3190,
-17.9794

■ 104.6020, 53.9332,
-32.1000

■ 169.0580, 22.1564,
-13.2059

■ 88.9310, 61.6590,
-36.7735

■ 184.7290, 14.4306,
-8.5323

■ 72.3740, 69.8216,
-41.5470

■ 201.2860, 6.2680,
-3.7588

■ 56.7030, 77.5474,
-46.2205

■ 216.9570, -1.4578,
0.9147

■ 53.7460, 79.0052,
-47.1352

■ 232.6280, -9.1836,
5.5882

■ 247.3910,
-16.4618, 6.6731

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



111.3860, 51.0817, -97.6855



136.8300, 38.0448, -22.6529



142.3860, 24.9527, 23.3405

Triad

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



136.8300, 38.0448, -22.6529



137.3650, -26.8019, 56.6849



109.6120, 4.6283, -84.7287

Complementary

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



136.8300, 38.0448, -22.6529



188.1700, -38.0448, 22.6529

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.



126.9770, -22.1737, -28.0438



136.8300, 38.0448, -22.6529



135.7740, -37.3566, 35.2782

Square

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



136.8300, 38.0448, -22.6529



138.4750, -10.0942, 64.4814



132.5270, -36.2488, 6.5538



110.8720, 23.7271, -97.2347

Rectangle

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



136.8300, 38.0448, -22.6529



142.0700, 14.2625, 45.5426



132.5270, -36.2488, 6.5538



119.6880, -7.2412, -57.6084

Sweetspot

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



136.8300, 38.0448, -22.6529



228.3870, 13.1202, -8.2324



180.4670, 4.6998, -60.9226



111.4430, 8.1626, -4.7735



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.



136.8300, 38.0448, -22.6529



144.4170, 54.5174, -32.8147



130.8150, 41.0102, 6.3012



99.0150, 3.9366, -2.6442



42.9740, 63.1168, -37.6882



10.7720, 15.8884, -9.4470

Inverse Universe

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



144.5330, -4.6998, 60.9226



155.2420, -6.5283, 87.4878



194.1850, -41.0102, -6.3012



99.6310, -0.3111, 6.4626



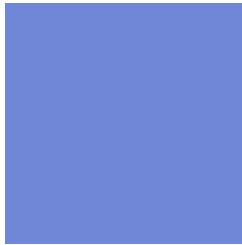
55.6890, -7.7347, 101.1277



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 136.8300, 38.0448, -22.6529 looks on a white background.

Color Contrast Check

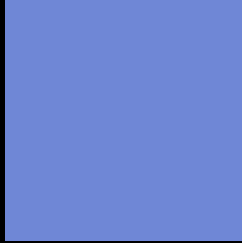
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8300, 38.0448, -22.6529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

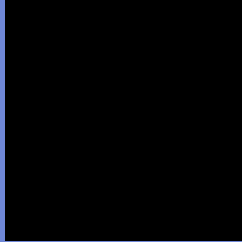
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.8300, 38.0448, -22.6529

Background



This preview shows how black text looks on a background with the YUV color 136.8300, 38.0448, -22.6529.



This preview shows how white text looks on a background with the YUV color 136.8300, 38.0448, -22.6529.

-22.6529.

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

136.8300, 38.0448, -22.6529

Protanopia

136.2320, 38.3396, -23.8825

Deuteranopia

134.8890, 38.5087, -31.4747



Tritanopia

131.8200, 12.9067, -33.1681

Trichromacy



Original Color

136.8300, 38.0448, -22.6529

Protanomaly

136.5310, 38.1922, -23.2677

Deuteranomaly

135.4980, 38.2085, -28.5007

Tritanomaly

133.5460, 21.9158, -29.4198

Monochromacy



Original Color

136.8300, 38.0448, -22.6529

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9140, 13.8464, -7.8176

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8300, 38.0448, -22.6529 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, 135, 214)` looks like.

```
.text, #text, p{  
    color:rgb(111, 135, 214)  
}
```

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, 135, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 135, 214) }
```

Border

The CSS property to change the border of an element to YUV 136.8300, 38.0448, -22.6529 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, 135, 214) }
```


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

```
.border{ border-color:rgb(111, 135, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 135, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 135, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 135, 214);  
box-shadow:4px 4px 4px 4px rgb(111, 135,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 136.8300, 38.0448, -22.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 135, 214) }
```

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

```
.background{ background-color: rgb(111,  
135, 214) }
```

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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