

Converting Colors

YUV(136.1800, 30.4773,
-22.0829)

Have a look what the booklet for
YUV(136.1800, 30.4773, -22.0829)
contains.

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Color

**YUV(136.1800, 30.4773,
-22.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	6F89C6
RGB	111, 137, 198
RGB Percent	44%, 54%, 78%
CMY	0.5647, 0.4627, 0.2235
CMYK	0.44, 0.31, 0.00, 0.22
HSL	222°, 43%, 61%
HSV	222°, 44%, 78%
XYZ	25.6942, 25.3480, 56.9645
YIQ	136.1800, -35.0770, 13.4590

Conversions

Conversions Part 2

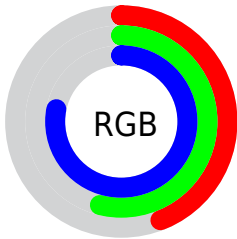
Format	Color
R_{YB}	111, 131, 198
Decimal	7309766
CIE _{Lab}	57.41, 6.86, -34.58
CIE _{LCh}	57, 35.256, 281.224
Yxy	25.3480, 0.2379, 0.2347
Android (android.graphics.Color)	4285499846 (0xFF6F89C6)
YUV	136.1800, 30.4773, -22.0829
Hunter-Lab	50.3468, 2.9896, -31.8404

Details

The YUV color $136.1800, 30.4773, -22.0829$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $172.8200, -30.4773, 22.0829$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.2340, 31.9296, -21.2532$, and $84.5280, 29.3197, -24.1421$ is the 20% darker color. If you saturate the color by 10%, you get $121.9820, 37.4769, -27.1712$, and if you desaturate by 10%, it is $150.3780, 23.4776, -16.9945$.

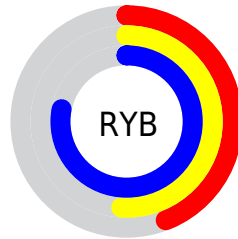
Distribution



Red (44%)

Green (54%)

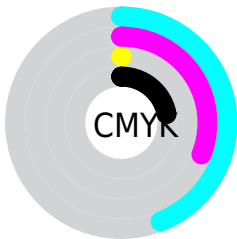
Blue (78%)



Red (44%)

Yellow (51%)

Blue (78%)

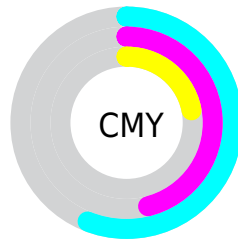


Cyan (44%)

Magenta (31%)

Yellow (0%)

Black (22%)



Cyan (56%)

Magenta (46%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1800, 30.4773, -22.0829 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 136.1800, 30.4773, -22.0829 by changing the saturation by 10% instead.

■ 136.1800, 30.4773,
-22.0829

■ 136.1800, 30.4773,
-22.0829

■ 255.0000, 0.0000,
0.0000

■ 110.3540, 29.8985,
-23.1125

■ 190.2340, 31.9296,
-21.2532

■ 84.5280, 29.3197,
-24.1421

■ 215.0420, 19.6993,
-18.4538

■ 58.7940, 29.1886,
-28.7603

■ 240.1490, 7.3215,
-15.0397

■ 35.8430, 28.1784,
-31.4343

■ 254.1030, 0.4422,
-1.8443

■ 21.3670, 23.4831,
-18.7389

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 136.1800, 30.4773,
-22.0829

■ 136.1800, 30.4773,
-22.0829

■ 121.9820, 37.4769,
-27.1712

■ 150.3780, 23.4776,
-16.9945

■ 107.7840, 44.4765,
-32.2596

■ 164.5760, 16.4780,
-11.9062

■ 93.8850, 51.3287,
-36.7331

■ 178.4750, 9.6258,
-7.4326

■ 79.6870, 58.3283,
-41.8215

■ 192.6730, 2.6262,
-2.3442

■ 66.0760, 65.0385,
-47.4247

■ 206.2840, -4.0840,
3.2589

■ 57.2050, 69.4119,
-50.1688

■ 220.4820,
-11.0836, 8.3473

■ 234.6800,
-18.0832, 13.4356

■ 244.3930,
-22.8717, 9.3023

■ 248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



122.9960, 35.9910, -64.0175



136.1800, 30.4773, -22.0829



141.5820, 20.9121, 12.6446

Triad

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



136.1800, 30.4773, -22.0829



138.5470, -19.4967, 46.8783



124.6770, -3.7848, -46.1977

Complementary

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



136.1800, 30.4773, -22.0829



172.8200, -30.4773, 22.0829

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.



130.6240, -20.0276, -16.3332



136.1800, 30.4773, -22.0829



136.8690, -28.0364, 32.5639

Square

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



136.1800, 30.4773, -22.0829



139.7120, -6.2670, 50.2416



134.4980, -28.8395, 10.0873



108.2810, 20.0745, -92.3314

Rectangle

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



136.1800, 30.4773, -22.0829



141.9280, 12.8535, 30.7581



134.4980, -28.8395, 10.0873



126.8480, -9.7851, -34.9467

Sweetspot

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



136.1800, 30.4773, -22.0829



231.6320, 11.5204, -8.4473



169.0230, 1.4677, -50.8862



112.9160, 7.4364, -5.1883



0.0000, 0.0000, 0.0000



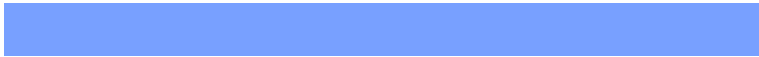
128.0000, 0.0000, 0.0000

Same Dimension

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



136.1800, 30.4773, -22.0829



158.8700, 47.3921, -34.0890



126.0010, 35.4955, 1.7531



92.2000, 3.3524, -1.9294



47.3450, 57.0179, -41.5216



10.5610, 12.5414, -9.2620

Inverse Universe

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



139.9770, -1.4677, 50.8862



164.9250, -2.4280, 78.9958



182.9990, -35.4955, -1.7531



92.9190, -0.4531, 5.3330



54.3230, -2.6242, 95.3097



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 136.1800, 30.4773, -22.0829 looks on a white background.

Color Contrast Check

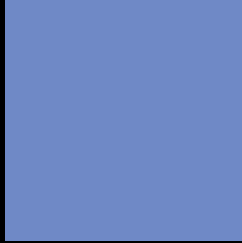
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.1800, 30.4773, -22.0829 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

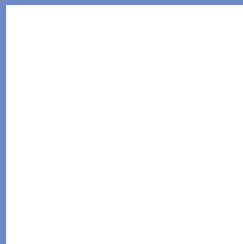
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.1800, 30.4773, -22.0829

Background



This preview shows how black text looks on a background with the YUV color 136.1800, 30.4773, -22.0829.



This preview shows how white text looks on a background with the YUV color 136.1800, 30.4773, -22.0829.

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

136.1800, 30.4773, -22.0829

Protanopia

136.9850, 29.5874, -16.6498

Deuteranopia

136.4900, 30.3244, -19.7237



Tritanopia

132.9130, 11.8749, -28.8647

Trichromacy



Original Color

136.1800, 30.4773, -22.0829

Protanomaly

136.6750, 29.7402, -19.0090

Deuteranomaly

136.1910, 30.4718, -20.3385

Tritanomaly

134.0580, 18.7054, -26.3609

Monochromacy



Original Color

136.1800, 30.4773, -22.0829

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9310, 11.3730, -7.8325

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1800, 30.4773, -22.0829 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(111, 137, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 137, 198) }
```

Border

The CSS property to change the border of an element to YUV 136.1800, 30.4773, -22.0829 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, 198) }
```


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

```
.border{ border-color:rgb(111, 137, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 137, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 137, 198);  
box-shadow:4px 4px 4px 4px rgb(111, 137,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 136.1800, 30.4773, -22.0829 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, 198) }
```

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

```
.background{ background-color: rgb(111,  
137, 198) }
```

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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