

Converting Colors

YUV(123.1800, 30.4773,
-22.0829)

Have a look what the booklet for
YUV(123.1800, 30.4773, -22.0829)
contains.

YUV(123.1800, 30.4773, -22.0829)	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(123.1800, 30.4773,
-22.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	627CB9
RGB	98, 124, 185
RGB Percent	38%, 49%, 73%
CMY	0.6157, 0.5137, 0.2745
CMYK	0.47, 0.33, 0.00, 0.27
HSL	222°, 38%, 55%
HSV	222°, 47%, 73%
XYZ	21.0016, 20.5148, 48.7518
YIQ	123.1800, -35.0770, 13.4590

Conversions

Conversions Part 2

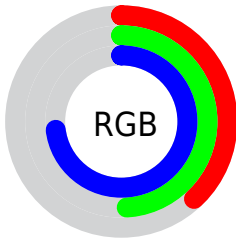
Format	Color
R _Y B	98, 118, 185
Decimal	6454457
CIE Lab	52.41, 7.39, -35.05
CIE LCh	52, 35.820, 281.906
Yxy	20.5148, 0.2327, 0.2273
Android (android.graphics.Color)	4284644537 (0xFF627CB9)
YUV	123.1800, 30.4773, -22.0829
Hunter-Lab	45.2932, 3.5040, -32.1121

Details

The YUV color $123.1800, 30.4773, -22.0829$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $159.8200, -30.4773, 22.0829$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $176.5330, 31.7822, -20.6384$, and $72.5170, 29.3251, -25.8864$ is the 20% darker color. If you saturate the color by 10%, you get $110.1670, 36.8927, -26.4565$, and if you desaturate by 10%, it is $136.4920, 23.9144, -17.0945$.

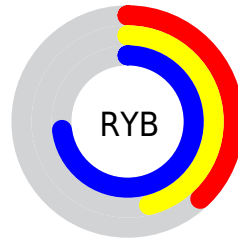
Distribution



Red (38%)

Green (49%)

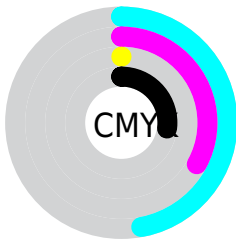
Blue (73%)



Red (38%)

Yellow (46%)

Blue (73%)

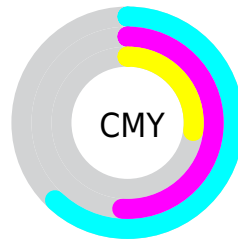


Cyan (47%)

Magenta (33%)

Yellow (0%)

Black (27%)



Cyan (62%)

Magenta (51%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1800, 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 123.1800, 30.4773, -22.0829 by changing the saturation by 10% instead.

■ 123.1800, 30.4773,
-22.0829

■ 123.1800, 30.4773,
-22.0829

■ 255.0000, 0.0000,
0.0000

■ 97.3540, 29.8985,
-23.1125

■ 176.5330, 31.7822,
-20.6384

■ 72.5170, 29.3251,
-25.8864

■ 202.9370, 25.6671,
-19.2387

■ 44.3910, 30.3732,
-35.4229

■ 227.7450, 13.4367,
-16.4394

■ 28.0180, 26.1201,
-24.5718

■ 249.9170, 2.5059,
-10.4512

■ 11.3080, 23.0192,
-9.9171

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 123.1800, 30.4773,
-22.0829

■ 123.1800, 30.4773,
-22.0829

■ 110.1670, 36.8927,
-26.4565

■ 136.4920, 23.9144,
-17.0945

■ 96.8550, 43.4555,
-31.4448

■ 149.5050, 17.4990,
-12.7209

■ 83.8420, 49.8709,
-35.8184

■ 162.8170, 10.9362,
-7.7325

■ 70.5300, 56.4337,
-40.8068

■ 175.8300, 4.5208,
-3.3589

■ 57.2180, 62.9965,
-45.7952

■ 188.8430, -1.8946,
1.0147

■ 53.3750, 64.8911,
-46.8099

■ 202.1550, -8.4574,
6.0031

■ 215.4670,
-15.0202, 10.9914

■ 228.4800,
-21.4356, 15.3650

■ 238.8020,
-26.5244, 14.2056

Harmonies

Analogous

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



106.1090, 37.9073, -72.0096



123.1800, 30.4773, -22.0829



128.2940, 21.0541, 13.7742

Triad

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



123.1800, 30.4773, -22.0829



125.1340, -19.7861, 46.3635



110.8940, -2.9057, -48.1420

Complementary

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



123.1800, 30.4773, -22.0829



159.8200, -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.



117.4390, -19.4434, -17.0480



123.1800, 30.4773, -22.0829



124.0430, -28.6152, 31.5343

Square

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



123.1800, 30.4773, -22.0829



126.7120, -6.2670, 50.2416



121.1990, -28.6921, 9.4725



98.3850, 19.0372, -86.2836

Rectangle

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



123.1800, 30.4773, -22.0829



128.6400, 12.9955, 31.8877



121.1990, -28.6921, 9.4725



113.9510, -9.3428, -36.7910

Sweetspot

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



123.1800, 30.4773, -22.0829



215.7460, 11.9572, -8.5472



156.0230, 1.4677, -50.8862



105.5030, 7.1470, -5.7031



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



123.1800, 30.4773, -22.0829



144.4570, 47.1027, -34.6038



113.0010, 35.4955, 1.7531



85.2000, 3.3524, -1.9294



44.7860, 54.8285, -39.2773



7.8880, 9.9152, -6.9178

Inverse Universe

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



126.9770, -1.4677, 50.8862



150.0390, -1.9912, 78.8958



169.9990, -35.4955, -1.7531



85.9190, -0.4531, 5.3330



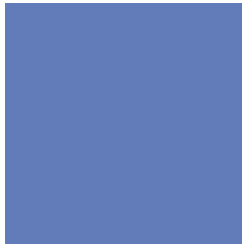
51.8880, -2.9028, 91.3062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 123.1800, 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 123.1800, 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

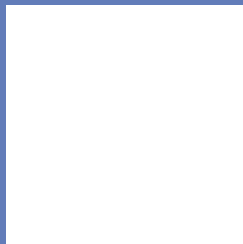
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.1800, 30.4773, -22.0829

Background



This preview shows how black text looks on a background with the YUV color 123.1800, 30.4773, -22.0829.

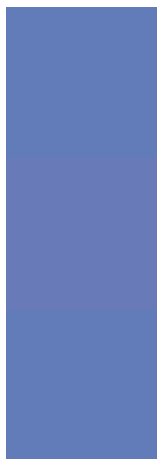


This preview shows how white text looks on a background with the YUV color 123.1800, 30.4773, -22.0829.

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

123.1800, 30.4773, -22.0829

Protanopia

124.2730, 29.4454, -17.7794

Deuteranopia

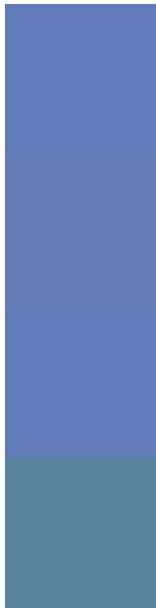
123.1800, 30.4773, -22.0829



Tritanopia

119.5000, 11.5855, -29.3795

Trichromacy



Original Color

123.1800, 30.4773, -22.0829

Protanomaly

123.6750, 29.7402, -19.0090

Deuteranomaly

123.1800, 30.4773, -22.0829

Tritanomaly

120.6450, 18.4160, -26.8757

Monochromacy



Original Color

123.1800, 30.4773, -22.0829

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9310, 11.3730, -7.8325

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1800, 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(98, 124, 185)` looks like.

```
.text, #text, p{  
    color:rgb(98, 124, 185)  
}
```

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, 124, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 124, 185) }
```

Border

The CSS property to change the border of an element to YUV 123.1800, 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(98, 124, 185) }
```


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

```
.border{ border-color:rgb(98, 124, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 124, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 124, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 124, 185);  
box-shadow:4px 4px 4px 4px rgb(98, 124,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 123.1800, 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(98, 124, 185) }
```

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

```
.background{ background-color: rgb(98, 124,  
185) }
```

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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