

Converting Colors

YUV(122.2220, 23.5546, 5.0673)

Have a look what the booklet for
YUV(122.2220, 23.5546, 5.0673)
contains.

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Color

**YUV(122.2220, 23.5546,
5.0673)**

Conversions

Conversions Part 1

Format	Color
Hex	806EAA
RGB	128, 110, 170
RGB Percent	50%, 43%, 67%
CMY	0.4980, 0.5686, 0.3333
CMYK	0.25, 0.35, 0.00, 0.33
HSL	258°, 26%, 55%
HSV	258°, 35%, 67%
XYZ	21.7337, 18.6433, 40.4832
YIQ	122.2220, -8.5320, 22.4760

Conversions

Conversions Part 2

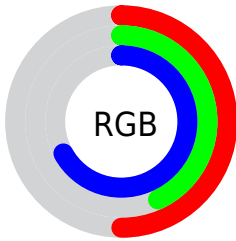
Format	Color
R_{YB}	128, 110, 170
Decimal	8416938
CIE _{Lab}	50.27, 20.12, -29.56
CIE _{LCh}	50, 35.756, 304.236
Yxy	18.6433, 0.2688, 0.2306
Android (android.graphics.Color)	4286607018 (0xFF806EAA)
YUV	122.2220, 23.5546, 5.0673
Hunter-Lab	43.1779, 14.2870, -25.3652

Details

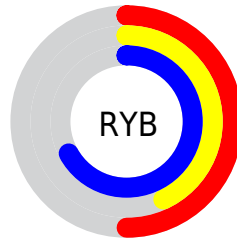
The YUV color **122.2220, 23.5546, 5.0673** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **157.7780, -23.5546, -5.0673**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2760, 25.0069, 5.8969**, and **72.8690, 22.2496, 3.6229** is the 20% darker color. If you saturate the color by 10%, you get **108.6550, 30.2431, 6.4416**, and if you desaturate by 10%, it is **135.7890, 16.8660, 3.6930**.

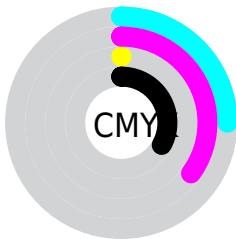
Distribution



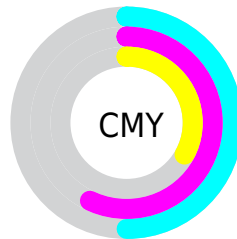
- Red (50%)
- Green (43%)
- Blue (67%)



- Red (50%)
- Yellow (43%)
- Blue (67%)



- Cyan (25%)
- Magenta (35%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (57%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2220, 23.5546, 5.0673 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 122.2220, 23.5546, 5.0673 by changing the saturation by 10% instead.

■ 122.2220, 23.5546,
5.0673

■ 122.2220, 23.5546,
5.0673

■ 255.0000, 0.0000,
0.0000

■ 97.2820, 22.5390,
4.1377

■ 175.2760, 25.0069,
5.8969

■ 72.8690, 22.2496,
3.6229

■ 202.6890, 25.2963,
6.4117

■ 49.9290, 21.2340,
2.6933

■ 227.6110, 13.5028,
9.1112

■ 27.6900, 20.3658,
1.1489

■ 249.1300, 2.8939,
5.1480

■ 8.5330, 18.4712,
2.1636

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 122.2220, 23.5546,
5.0673

■ 122.2220, 23.5546,
5.0673

■ 108.6550, 30.2431,
6.4416

■ 135.7890, 16.8660,
3.6930

■ 95.0880, 36.9316,
7.8158

■ 149.3560, 10.1775,
2.3188

■ 81.5210, 43.6201,
9.1901

■ 162.9230, 3.4890,
0.9445

■ 67.9540, 50.3087,
10.5643

■ 176.4900, -3.1996,
-0.4297

■ 54.3870, 56.9972,
11.9386

■ 189.7580, -9.7407,
-2.4188

■ 41.1190, 63.5383,
13.9276

■ 203.3250,
-16.4292, -3.7930

■ 34.6290, 66.7379,
14.3574

■ 216.8920,
-23.1178, -5.1673

■ 230.4590,
-29.8063, -6.5415

■ 239.3300,
-34.1797, -3.7974

Harmonies

Analogous

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



114.5700, 32.2570, -32.9489



122.2220, 23.5546, 5.0673



123.0100, 11.8271, 33.3172

Triad

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



122.2220, 23.5546, 5.0673



118.9340, -26.5895, 35.1379



93.2670, 14.6584, -81.7952

Complementary

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



122.2220, 23.5546, 5.0673



157.7780, -23.5546, -5.0673

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.



107.3960, -7.5902, -38.9353



122.2220, 23.5546, 5.0673



116.4170, -29.2926, 15.4203

Square

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



122.2220, 23.5546, 5.0673



120.3560, -16.4445, 47.9228



113.3860, -22.3753, -9.9855



96.1000, 28.0517, -84.2797

Rectangle

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



122.2220, 23.5546, 5.0673



121.9700, 2.4798, 44.7533



113.3860, -22.3753, -9.9855



97.6940, 7.0529, -69.0146

Sweetspot

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



122.2220, 23.5546, 5.0673



202.2420, 9.7407, 2.4188



141.4940, 14.0535, -27.6202



100.7920, 5.5255, 1.0594



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



122.2220, 23.5546, 5.0673



147.9740, 36.4948, 7.9158



131.1920, 19.1323, 23.5106



77.5100, 3.1996, 0.4297



30.0280, 58.1602, 12.2534



4.0740, 7.8515, 1.6891

Inverse Universe

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



132.7280, 9.5011, 32.6875



164.2170, 14.6830, 50.6757



148.8080, -19.1323, -23.5106



79.0760, 1.4415, 4.3183



56.1080, 23.6108, 80.5893



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 122.2220, 23.5546, 5.0673 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 122.2220, 23.5546, 5.0673 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 122.2220, 23.5546, 5.0673

Background



This preview shows how black text looks on a background with the YUV color 122.2220, 23.5546, 5.0673.



This preview shows how white text looks on a background with the YUV color 122.2220, 23.5546, 5.0673.

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

122.2220, 23.5546, 5.0673

Protanopia

119.2300, 27.9876, -16.8647

Deuteranopia

119.2150, 24.0510, -14.2206



Tritanopia

120.3250, 3.7838, -0.2850

Trichromacy



Original Color

122.2220, 23.5546, 5.0673

Protanomaly

120.2310, 26.5081, -8.9726

Deuteranomaly

120.2590, 24.0293, -7.2431

Tritanomaly

121.1710, 10.7617, 1.6040

Monochromacy



Original Color

122.2220, 23.5546, 5.0673

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1880, 8.2883, 1.5891

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2220, 23.5546, 5.0673 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(128, 110, 170)` looks like.

```
.text, #text, p{  
    color:rgb(128, 110, 170)  
}
```

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(128, 110, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 110, 170) }
```

Border

The CSS property to change the border of an element to YUV 122.2220, 23.5546, 5.0673 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(128, 110, 170) }
```


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

```
.border{ border-color:rgb(128, 110, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 110, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 110, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 110, 170);  
box-shadow:4px 4px 4px 4px rgb(128, 110,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 122.2220, 23.5546, 5.0673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 110, 170) }
```

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

```
.background{ background-color: rgb(128,  
110, 170) }
```

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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