

Converting Colors

YUV(118.5700, 22.3970, 3.0081)

Have a look what the booklet for
YUV(118.5700, 22.3970, 3.0081)
contains.

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Color

**YUV(118.5700, 22.3970,
3.0081)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6CA4
RGB	122, 108, 164
RGB Percent	48%, 42%, 64%
CMY	0.5216, 0.5765, 0.3569
CMYK	0.26, 0.34, 0.00, 0.36
HSL	255°, 24%, 53%
HSV	255°, 34%, 64%
XYZ	20.0894, 17.5430, 37.4493
YIQ	118.5700, -9.6320, 20.3840

Conversions

Conversions Part 2

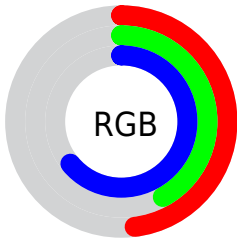
Format	Color
R_{YB}	122, 108, 164
Decimal	8023204
CIE _{Lab}	48.94, 17.94, -28.17
CIE _{LCh}	49, 33.393, 302.488
Yxy	17.5430, 0.2676, 0.2337
Android (android.graphics.Color)	4286213284 (0xFF7A6CA4)
YUV	118.5700, 22.3970, 3.0081
Hunter-Lab	41.8844, 12.3180, -23.6927

Details

The YUV color **118.5700, 22.3970, 3.0081** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.4300, -22.3970, -3.0081**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.2110, 23.5600, 3.3230**, and **69.5160, 20.9446, 2.1785** is the 20% darker color. If you saturate the color by 10%, you get **105.5900, 28.7961, 3.8676**, and if you desaturate by 10%, it is **131.5500, 15.9979, 2.1487**.

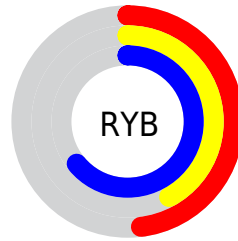
Distribution



Red (48%)

Green (42%)

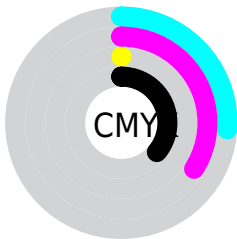
Blue (64%)



Red (48%)

Yellow (42%)

Blue (64%)

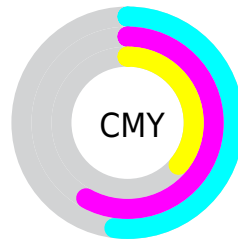


Cyan (26%)

Magenta (34%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (58%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5700, 22.3970, 3.0081 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 118.5700, 22.3970, 3.0081 by changing the saturation by 10% instead.

■ 118.5700, 22.3970,
3.0081

■ 118.5700, 22.3970,
3.0081

■ 255.0000, 0.0000,
0.0000

■ 93.7440, 21.8182,
1.9785

■ 171.2110, 23.5600,
3.3230

■ 69.5160, 20.9446,
2.1785

■ 198.7380, 24.2862,
3.7378

■ 47.1630, 19.6396,
0.7340

■ 224.0560, 15.2554,
6.9669

■ 25.0380, 19.2083,
-0.9103

■ 247.9560, 3.4727,
6.1776

■ 4.7880, 18.3455,
-4.1991

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 118.5700, 22.3970,
3.0081

■ 118.5700, 22.3970,
3.0081

■ 105.5900, 28.7961,
3.8676

■ 131.5500, 15.9979,
2.1487

■ 91.7240, 35.6321,
4.6271

■ 145.4160, 9.1619,
1.3892

■ 78.7440, 42.0312,
5.4865

■ 158.3960, 2.7628,
0.5297

■ 65.1770, 48.7197,
6.8608

■ 171.9630, -3.9258,
-0.8446

■ 51.8980, 55.2663,
7.1055

■ 184.9430,
-10.3249, -1.7040

■ 38.9180, 61.6654,
7.9649

■ 198.2220,
-16.8714, -1.9487

■ 30.9550, 65.5912,
8.8095

■ 211.7890,
-23.5600, -3.3230

■ 224.7690,
-29.9591, -4.1824

■ 238.0480,
-36.5057, -4.4271

Harmonies

Analogous

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



111.2990, 29.9256, -31.8342



118.5700, 22.3970, 3.0081



119.5750, 11.5485, 29.3137

Triad

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



118.5700, 22.3970, 3.0081



115.6180, -23.9687, 34.5380



90.9470, 13.3371, -78.0065

Complementary

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



118.5700, 22.3970, 3.0081



153.4300, -22.3970, -3.0081

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.



105.9020, -8.3327, -34.1171



118.5700, 22.3970, 3.0081



113.6990, -26.9666, 16.0500

Square

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



118.5700, 22.3970, 3.0081



117.3880, -14.9813, 45.2637



110.9240, -21.6545, -7.8263



92.9540, 26.1517, -81.5207

Rectangle

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



118.5700, 22.3970, 3.0081



119.0620, 2.9274, 41.1646



110.9240, -21.6545, -7.8263



99.3750, 4.2521, -57.3339

Sweetspot

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



118.5700, 22.3970, 3.0081



196.8890, 8.4357, 0.9743



139.0380, 12.3063, -27.2203



96.3790, 5.2362, 0.5446



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



118.5700, 22.3970, 3.0081



142.6100, 35.1953, 4.7270



126.9420, 18.2696, 20.2219



74.6240, 3.6364, 0.3298



27.2940, 58.0291, 7.6352



3.2480, 7.2727, 0.6595

Inverse Universe

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



129.5320, 10.0907, 30.2284



159.8360, 15.8569, 47.5018



145.0580, -18.2696, -20.2219



76.4890, 1.7309, 4.8331



55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 118.5700, 22.3970, 3.0081 looks on a white 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

Black Background



This preview shows how the YUV color 118.5700, 22.3970, 3.0081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

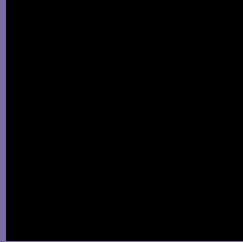
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.5700, 22.3970, 3.0081

Background



This preview shows how black text looks on a background with the YUV color 118.5700, 22.3970, 3.0081.



This preview shows how white text looks on a background with the YUV color 118.5700, 22.3970, 3.0081.

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

118.5700, 22.3970, 3.0081

Protanopia

115.4860, 26.3824, -15.3352

Deuteranopia

115.9870, 23.1774, -14.0206



Tritanopia

116.7270, 4.0786, -1.5146

Trichromacy



Original Color

118.5700, 22.3970, 3.0081

Protanomaly

116.7750, 24.7609, -8.5727

Deuteranomaly

116.6180, 22.8663, -7.5580

Tritanomaly

117.4590, 10.6197, 0.4745

Monochromacy



Original Color

118.5700, 22.3970, 3.0081

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5700, 22.3970, 3.0081 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(122, 108, 164)` looks like.

```
.text, #text, p{  
    color:rgb(122, 108, 164)  
}
```

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(122, 108, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 108, 164) }
```

Border

The CSS property to change the border of an element to YUV 118.5700, 22.3970, 3.0081 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(122, 108, 164) }
```


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

```
.border{ border-color:rgb(122, 108, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 108, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 108, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 108, 164);  
box-shadow:4px 4px 4px 4px rgb(122, 108,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 118.5700, 22.3970, 3.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 108, 164) }
```

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

```
.background{ background-color: rgb(122,  
108, 164) }
```

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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