

Converting Colors

YUV(125.5700, 22.3970, 3.0081)

Have a look what the booklet for
YUV(125.5700, 22.3970, 3.0081)
contains.

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Color

**YUV(125.5700, 22.3970,
3.0081)**

Conversions

Conversions Part 1

Format	Color
Hex	8173AB
RGB	129, 115, 171
RGB Percent	51%, 45%, 67%
CMY	0.4941, 0.5490, 0.3294
CMYK	0.25, 0.33, 0.00, 0.33
HSL	255°, 25%, 56%
HSV	255°, 33%, 67%
XYZ	22.5347, 19.8689, 41.1754
YIQ	125.5700, -9.6320, 20.3840

Conversions

Conversions Part 2

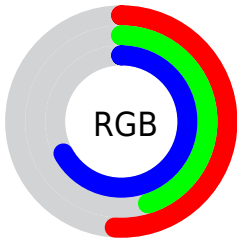
Format	Color
R_{YB}	129, 115, 171
Decimal	8483755
CIE _{Lab}	51.69, 17.70, -27.92
CIE _{LCh}	52, 33.062, 302.370
Yxy	19.8689, 0.2696, 0.2377
Android (android.graphics.Color)	4286673835 (0xFF8173AB)
YUV	125.5700, 22.3970, 3.0081
Hunter-Lab	44.5745, 12.2354, -23.5666

Details

The YUV color **125.5700, 22.3970, 3.0081** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **160.4300, -22.3970, -3.0081**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6240, 23.8494, 3.8378**, and **76.1030, 20.6552, 1.6637** is the 20% darker color. If you saturate the color by 10%, you get **111.7040, 29.2329, 3.7676**, and if you desaturate by 10%, it is **139.4360, 15.5611, 2.2486**.

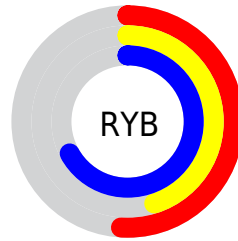
Distribution



Red (51%)

Green (45%)

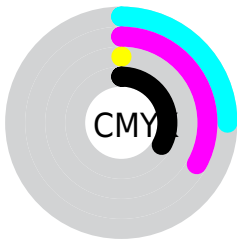
Blue (67%)



Red (51%)

Yellow (45%)

Blue (67%)

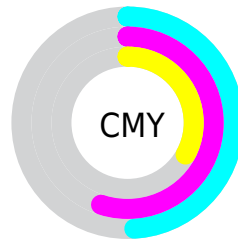


Cyan (25%)

Magenta (33%)

Yellow (0%)

Black (33%)



Cyan (49%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.5700, 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 125.5700, 22.3970, 3.0081 by changing the saturation by 10% instead.

■ 125.5700, 22.3970,
3.0081

■ 125.5700, 22.3970,
3.0081

■ 255.0000, 0.0000,
0.0000

■ 100.0430, 21.6708,
2.5933

■ 178.6240, 23.8494,
3.8378

■ 76.1030, 20.6552,
1.6637

■ 206.0370, 24.1388,
4.3526

■ 53.2770, 20.0764,
0.6341

■ 230.8450, 11.9084,
7.1519

■ 31.0380, 19.2083,
-0.9103

■ 252.6520, 1.1576,
2.0592

■ 8.6470, 18.9080,
2.0636

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 125.5700, 22.3970,
3.0081

■ 125.5700, 22.3970,
3.0081

■ 111.7040, 29.2329,
3.7676

■ 139.4360, 15.5611,
2.2486

■ 97.8380, 36.0689,
4.5271

■ 153.3020, 8.7251,
1.4891

■ 84.2710, 42.7574,
5.9013

■ 166.8690, 2.0366,
0.1149

■ 70.4050, 49.5933,
6.6608

■ 180.7350, -4.7994,
-0.6446

■ 55.9520, 56.7187,
7.9351

■ 194.6010,
-11.6353, -1.4041

■ 42.0860, 63.5546,
8.6946

■ 209.0540,
-18.7606, -2.6784

■ 32.3510, 68.3540,
9.3392

■ 222.9200,
-25.5966, -3.4378

■ 236.7860,
-32.4325, -4.1973

■ 242.1350,
-35.0696, 1.6356

Harmonies

Analogous

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



118.5980, 29.7782, -31.2194



125.5700, 22.3970, 3.0081



126.5750, 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.



125.5700, 22.3970, 3.0081



122.6180, -23.9687, 34.5380



102.7310, 10.9786, -68.1701

Complementary

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



125.5700, 22.3970, 3.0081



160.4300, -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.



113.2010, -8.4801, -33.5023



125.5700, 22.3970, 3.0081



120.6990, -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.



125.5700, 22.3970, 3.0081



124.3880, -14.9813, 45.2637



117.3370, -21.3651, -7.3115



97.8610, 27.1835, -85.8241

Rectangle

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



125.5700, 22.3970, 3.0081



126.0620, 2.9274, 41.1646



117.3370, -21.3651, -7.3115



107.5710, 3.6625, -54.8748

Sweetspot

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



125.5700, 22.3970, 3.0081



204.0030, 8.8725, 0.8744



146.0380, 12.3063, -27.2203



101.3790, 5.2362, 0.5446



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.



125.5700, 22.3970, 3.0081



151.4960, 34.7585, 4.8270



133.9420, 18.2696, 20.2219



79.6240, 3.6364, 0.3298



28.4620, 59.9182, 8.3648



4.4160, 9.1619, 1.3892

Inverse Universe

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



136.5320, 10.0907, 30.2284



168.4230, 15.5675, 46.9870



152.0580, -18.2696, -20.2219



81.4890, 1.7309, 4.8331



57.7320, 27.2471, 80.9190



8.8150, 4.0352, 12.4402

Previews

White Background



This preview shows how the YUV color 125.5700, 22.3970, 3.0081 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 125.5700, 22.3970, 3.0081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

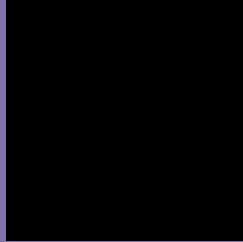
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.5700, 22.3970, 3.0081

Background



This preview shows how black text looks on a background with the YUV color 125.5700, 22.3970, 3.0081.



This preview shows how white text looks on a background with the YUV color 125.5700, 22.3970,

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

125.5700, 22.3970, 3.0081

Protanopia

122.7850, 26.2350, -14.7204

Deuteranopia

123.5850, 22.8826, -12.7910



Tritanopia

123.7270, 4.0786, -1.5146

Trichromacy



Original Color

125.5700, 22.3970, 3.0081

Protanomaly

123.7750, 24.7609, -8.5727

Deuteranomaly

123.9170, 22.7189, -6.9432

Tritanomaly

124.4590, 10.6197, 0.4745

Monochromacy



Original Color

125.5700, 22.3970, 3.0081

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.5700, 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(129, 115, 171)` looks like.

```
.text, #text, p{  
    color:rgb(129, 115, 171)  
}
```

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(129, 115, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 115, 171) }
```

Border

The CSS property to change the border of an element to YUV 125.5700, 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(129, 115, 171) }
```


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

```
.border{ border-color:rgb(129, 115, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 115, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 115, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 115, 171);  
box-shadow:4px 4px 4px 4px rgb(129, 115,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 125.5700, 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(129, 115, 171) }
```

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

```
.background{ background-color: rgb(129,  
115, 171) }
```

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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