

Converting Colors

YUV(122.2210, 25.0340,
-2.8248)

Have a look what the booklet for
YUV(122.2210, 25.0340, -2.8248)
contains.

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Color

**YUV(122.2210, 25.0340,
-2.8248)**

Conversions

Conversions Part 1

Format	Color
Hex	7772AD
RGB	119, 114, 173
RGB Percent	47%, 45%, 68%
CMY	0.5333, 0.5529, 0.3216
CMYK	0.31, 0.34, 0.00, 0.32
HSL	245°, 26%, 56%
HSV	245°, 34%, 68%
XYZ	21.1679, 18.9737, 42.0818
YIQ	122.2210, -15.9590, 19.4090

Conversions

Conversions Part 2

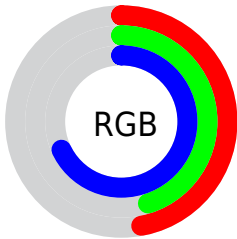
Format	Color
R _Y B	119, 114, 173
Decimal	7828141
CIE Lab	50.66, 15.76, -30.76
CIE LCh	51, 34.562, 297.134
Yxy	18.9737, 0.2574, 0.2308
Android (android.graphics.Color)	4286018221 (0xFF7772AD)
YUV	122.2210, 25.0340, -2.8248
Hunter-Lab	43.5588, 10.5162, -26.7884

Details

The YUV color $122.2210, 25.0340, -2.8248$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $164.7790, -25.0340, 2.8248$, and the grayscale version is $122.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.2750, 26.4864, -1.9952$, and $72.7540, 23.2923, -4.1693$ is the 20% darker color. If you saturate the color by 10%, you get $107.4580, 32.3122, -3.9097$, and if you desaturate by 10%, it is $136.9840, 17.7559, -1.7400$.

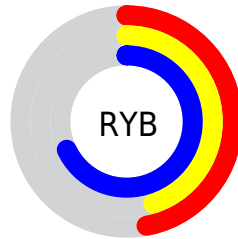
Distribution



Red (47%)

Green (45%)

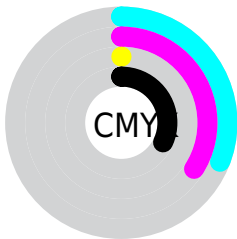
Blue (68%)



Red (47%)

Yellow (45%)

Blue (68%)

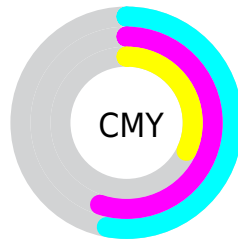


Cyan (31%)

Magenta (34%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2210, 25.0340, -2.8248 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 122.2210, 25.0340, -2.8248 by changing the saturation by 10% instead.

■ 122.2210, 25.0340,
-2.8248

■ 122.2210, 25.0340,
-2.8248

■ 255.0000, 0.0000,
0.0000

■ 97.2810, 24.0185,
-3.7544

■ 175.2750, 26.4864,
-1.9952

■ 72.7540, 23.2923,
-4.1693

■ 202.1610, 26.0496,
-1.8952

■ 49.5150, 22.4241,
-5.7137

■ 227.2680, 13.6719,
1.5190

■ 27.2650, 21.5614,
-9.0024

■ 251.4780, 1.7363,
3.0888

■ 5.5860, 21.4031,
-4.8989

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 122.2210, 25.0340,
-2.8248

■ 122.2210, 25.0340,
-2.8248

■ 107.4580, 32.3122,
-3.9097

■ 136.9840, 17.7559,
-1.7400

■ 92.1080, 39.8798,
-4.4797

■ 152.3340, 10.1883,
-1.1699

■ 77.3450, 47.1579,
-5.5646

■ 167.0970, 2.9102,
-0.0851

■ 62.8810, 54.2887,
-6.0346

■ 181.5610, -4.2206,
0.3850

■ 48.1180, 61.5668,
-7.1195

■ 196.9110,
-11.7881, 0.9551

■ 32.7680, 69.1344,
-7.6895

■ 211.6740,
-19.0663, 2.0399

■ 24.2070, 73.3549,
-8.0745

■ 226.4370,
-26.3444, 3.1248

■ 241.2000,
-33.6226, 4.2096

■ 245.6520,
-35.8174, 8.1982

Harmonies

Analogous

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



113.2270, 32.4261, -40.5411



122.2210, 25.0340, -2.8248



124.2480, 14.1747, 26.9695

Triad

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



122.2210, 25.0340, -2.8248



120.0530, -23.6901, 38.5415



99.7480, 8.5052, -68.1850

Complementary

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



122.2210, 25.0340, -2.8248



164.7790, -25.0340, 2.8248

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.



110.8270, -11.2537, -30.5433



122.2210, 25.0340, -2.8248



118.3790, -28.2878, 19.8386

Square

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



122.2210, 25.0340, -2.8248



121.5670, -13.0975, 47.7377



115.6750, -23.9968, -3.2230



95.8890, 24.7047, -84.0947

Rectangle

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



122.2210, 25.0340, -2.8248



123.4470, 5.6956, 39.9500



115.6750, -23.9968, -3.2230



104.7840, 0.5995, -52.4306

Sweetspot

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



122.2210, 25.0340, -2.8248



205.1060, 9.3147, -0.9700



152.4240, 10.1440, -33.6978



100.7810, 5.5310, -0.6849



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.



122.2210, 25.0340, -2.8248



144.8800, 39.0062, -4.2798



130.8920, 20.7592, 15.0037



79.3250, 3.7838, -0.2850



20.9870, 63.6034, -7.0046



3.2200, 9.7515, -1.0699

Inverse Universe

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



137.7970, 14.8901, 30.8730



169.1980, 23.5664, 48.0614



156.1080, -20.7592, -15.0037



81.6030, 2.1677, 4.7332



60.5820, 38.1671, 78.4196



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 122.2210, 25.0340, -2.8248 looks on a white background.

Color Contrast Check

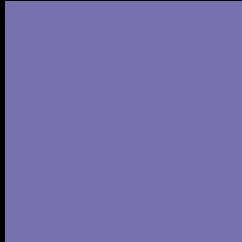
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.2210, 25.0340, -2.8248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

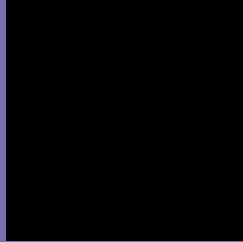
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.2210, 25.0340, -2.8248

Background



This preview shows how black text looks on a background with the YUV color 122.2210, 25.0340, -2.8248.



This preview shows how white text looks on a background with the YUV color 122.2210, 25.0340,

-2.8248.

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

122.2210, 25.0340, -2.8248

Protanopia

120.2300, 27.9876, -16.8647

Deuteranopia

119.6600, 25.8036, -16.3648



Tritanopia

119.5520, 6.1369, -8.3771

Trichromacy



Original Color

122.2210, 25.0340, -2.8248

Protanomaly

121.0350, 27.0977, -11.4317

Deuteranomaly

120.5790, 25.3506, -11.0318

Tritanomaly

120.3980, 13.1148, -6.4880

Monochromacy



Original Color

122.2210, 25.0340, -2.8248

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1060, 9.3147, -0.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2210, 25.0340, -2.8248 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(119, 114, 173)` looks like.

```
.text, #text, p{  
    color:rgb(119, 114, 173)  
}
```

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(119, 114, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 114, 173) }
```

Border

The CSS property to change the border of an element to YUV 122.2210, 25.0340, -2.8248 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(119, 114, 173) }
```


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

```
.border{ border-color:rgb(119, 114, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 114, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 114, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 114, 173);  
box-shadow:4px 4px 4px 4px rgb(119, 114,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 122.2210, 25.0340, -2.8248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 114, 173) }
```

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

```
.background{ background-color: rgb(119,  
114, 173) }
```

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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