

Converting Colors

YUV(122.2810, 24.0185,
-3.7544)

Have a look what the booklet for
YUV(122.2810, 24.0185, -3.7544)
contains.

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Color

**YUV(122.2810, 24.0185,
-3.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	7673AB
RGB	118, 115, 171
RGB Percent	46%, 45%, 67%
CMY	0.5373, 0.5490, 0.3294
CMYK	0.31, 0.33, 0.00, 0.33
HSL	243°, 25%, 56%
HSV	243°, 33%, 67%
XYZ	20.9526, 19.0533, 41.1014
YIQ	122.2810, -16.1880, 18.0520

Conversions

Conversions Part 2

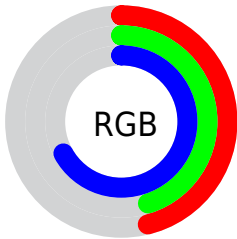
Format	Color
R _Y B	118, 115, 171
Decimal	7762859
CIE _{Lab}	50.75, 14.33, -29.46
CIE _{LCh}	51, 32.758, 295.942
Y _{xy}	19.0533, 0.2583, 0.2349
Android (android.graphics.Color)	4285952939 (0xFF7673AB)
YUV	122.2810, 24.0185, -3.7544
Hunter-Lab	43.6501, 9.2948, -25.2731

Details

The YUV color **122.2810, 24.0185, -3.7544** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **163.7190, -24.0185, 3.7544**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0360, 25.6183, -3.5396**, and **72.8140, 22.2767, -5.0989** is the 20% darker color. If you saturate the color by 10%, you get **107.5180, 31.2966, -4.8393**, and if you desaturate by 10%, it is **137.0440, 16.7403, -2.6696**.

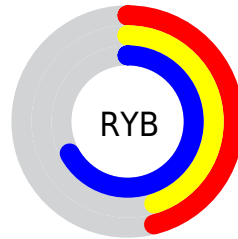
Distribution



Red (46%)

Green (45%)

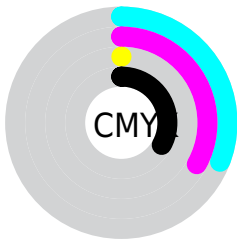
Blue (67%)



Red (46%)

Yellow (45%)

Blue (67%)

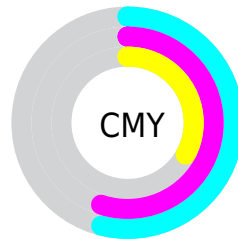


Cyan (31%)

Magenta (33%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (55%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2810, 24.0185, -3.7544 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 122.2810, 24.0185, -3.7544 by changing the saturation by 10% instead.

■ 122.2810, 24.0185,
-3.7544

■ 122.2810, 24.0185,
-3.7544

■ 255.0000, 0.0000,
0.0000

■ 96.7540, 23.2923,
-4.1693

■ 175.0360, 25.6183,
-3.5396

■ 72.8140, 22.2767,
-5.0989

■ 202.4490, 25.9076,
-3.0248

■ 49.9880, 21.6979,
-6.1285

■ 227.5560, 13.5299,
0.3894

■ 27.1510, 21.1246,
-8.9024

■ 252.6520, 1.1576,
2.0592

■ 5.3580, 20.5295,
-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 122.2810, 24.0185,
-3.7544

■ 122.2810, 24.0185,
-3.7544

■ 107.5180, 31.2966,
-4.8393

■ 137.0440, 16.7403,
-2.6696

■ 92.7550, 38.5748,
-5.9241

■ 151.8070, 9.4621,
-1.5847

■ 77.6930, 46.0004,
-7.6238

■ 166.8690, 2.0366,
0.1149

■ 62.9300, 53.2785,
-8.7086

■ 181.6320, -5.2416,
1.1997

■ 47.5800, 60.8461,
-9.2787

■ 196.3950,
-12.5197, 2.2846

■ 32.8170, 68.1242,
-10.3635

■ 211.7450,
-20.0873, 2.8546

■ 22.1850, 73.3658,
-11.5632

■ 226.5080,
-27.3654, 3.9395

■ 241.2710,
-34.6436, 5.0243

■ 245.4240,
-36.6910, 8.3982

Harmonies

Analogous

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



114.3690, 30.3841, -38.9116



122.2810, 24.0185, -3.7544



124.4110, 13.6014, 24.1956

Triad

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



122.2810, 24.0185, -3.7544



120.6830, -22.5217, 37.1120



103.5320, 6.1467, -58.3486

Complementary

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



122.2810, 24.0185, -3.7544



163.7190, -24.0185, 3.7544

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.



111.8490, -11.2646, -27.0546



122.2810, 24.0185, -3.7544



119.0200, -27.1249, 20.1535

Square

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



122.2810, 24.0185, -3.7544



121.8980, -11.7817, 45.6935



115.9140, -23.1286, -1.6786



95.6610, 23.8311, -83.8947

Rectangle

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



122.2810, 24.0185, -3.7544



124.0230, 5.4117, 37.6908



115.9140, -23.1286, -1.6786



107.4750, -0.7272, -46.8976

Sweetspot

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



122.2810, 24.0185, -3.7544



202.8070, 9.4621, -1.5847



152.4950, 9.1230, -32.8831



100.4820, 5.6784, -1.2997



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.



122.2810, 24.0185, -3.7544



146.4130, 37.2644, -5.6242



130.6530, 19.8911, 13.4593



79.0260, 3.9312, -0.8998



19.4920, 64.3404, -10.0785



2.9210, 9.8989, -1.6847

Inverse Universe

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



137.7860, 14.8955, 29.1287



170.3610, 22.9930, 45.2874



155.3470, -19.8911, -13.4593



81.6030, 2.1677, 4.7332



61.0380, 39.9143, 78.0197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 122.2810, 24.0185, -3.7544 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 122.2810, 24.0185, -3.7544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

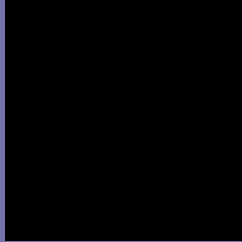
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.2810, 24.0185, -3.7544

Background



This preview shows how black text looks on a background with the YUV color 122.2810, 24.0185, -3.7544.



This preview shows how white text looks on a background with the YUV color 122.2810, 24.0185, -3.7544.

-3.7544.

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

122.2810, 24.0185, -3.7544

Protanopia

120.4860, 26.3824, -15.3352

Deuteranopia

120.0300, 24.6352, -14.9353



Tritanopia

120.1390, 5.8475, -8.8919

Trichromacy



Original Color

122.2810, 24.0185, -3.7544

Protanomaly

121.2800, 25.4980, -11.6466

Deuteranomaly

120.9380, 24.1876, -11.3466

Tritanomaly

120.8710, 12.3886, -6.9029

Monochromacy



Original Color

122.2810, 24.0185, -3.7544

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9920, 8.8779, -0.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2810, 24.0185, -3.7544 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(118, 115, 171)` looks like.

```
.text, #text, p{  
    color:rgb(118, 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(118, 115, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 115, 171) }
```

Border

The CSS property to change the border of an element to YUV 122.2810, 24.0185, -3.7544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

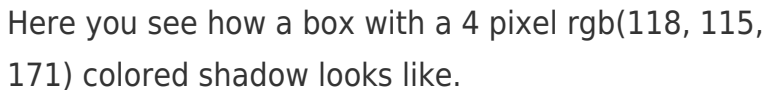
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 115, 171) }
```


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

```
.border{ border-color:rgb(118, 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(118, 115, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 115, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 115, 171);  
box-shadow:4px 4px 4px 4px rgb(118, 115,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 122.2810, 24.0185, -3.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 115, 171) }
```

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

```
.background{ background-color: rgb(118,  
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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