

Converting Colors

YUV(120.7550, 21.8128, 3.7229)

Have a look what the booklet for
YUV(120.7550, 21.8128, 3.7229)
contains.

YUV(120.7550, 21.8128, 3.7229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(120.7550, 21.8128,
3.7229)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6EA5
RGB	125, 110, 165
RGB Percent	49%, 43%, 65%
CMY	0.5098, 0.5686, 0.3529
CMYK	0.24, 0.33, 0.00, 0.35
HSL	256°, 23%, 54%
HSV	256°, 33%, 65%
XYZ	20.8249, 18.2284, 38.0182
YIQ	120.7550, -8.7150, 20.2850

Conversions

Conversions Part 2

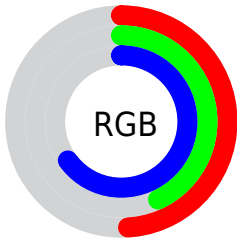
Format	Color
R_{YB}	125, 110, 165
Decimal	8220325
CIE _{Lab}	49.77, 17.93, -27.43
CIE _{LCh}	50, 32.773, 303.166
Yxy	18.2284, 0.2702, 0.2365
Android (android.graphics.Color)	4286410405 (0xFF7D6EA5)
YUV	120.7550, 21.8128, 3.7229
Hunter-Lab	42.6948, 12.3497, -22.9092

Details

The YUV color **120.7550, 21.8128, 3.7229** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **154.2450, -21.8128, -3.7229**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6950, 22.8284, 4.6525**, and **71.7010, 20.3604, 2.8932** is the 20% darker color. If you saturate the color by 10%, you get **107.1880, 28.5013, 5.0971**, and if you desaturate by 10%, it is **133.7350, 15.4136, 2.8634**.

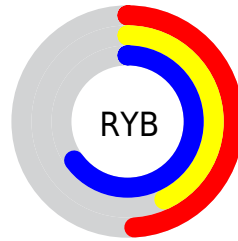
Distribution



Red (49%)

Green (43%)

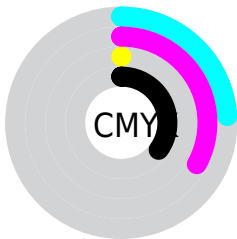
Blue (65%)



Red (49%)

Yellow (43%)

Blue (65%)

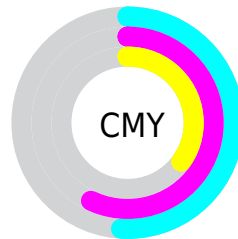


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (57%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.7550, 21.8128, 3.7229 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 120.7550, 21.8128, 3.7229 by changing the saturation by 10% instead.

■ 120.7550, 21.8128,
3.7229

■ 120.7550, 21.8128,
3.7229

■ 255.0000, 0.0000,
0.0000

■ 95.9290, 21.2340,
2.6933

■ 173.6950, 22.8284,
4.6525

■ 71.7010, 20.3604,
2.8932

■ 200.9230, 23.7020,
4.4525

■ 48.7610, 19.3448,
1.9636

■ 226.7140, 13.9450,
7.2668

■ 27.2230, 18.6241,
-0.1956

■ 249.1300, 2.8939,
5.1480

■ 7.2940, 17.6031,
0.6192

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 120.7550, 21.8128,
3.7229

■ 120.7550, 21.8128,
3.7229

■ 107.1880, 28.5013,
5.0971

■ 133.7350, 15.4136,
2.8634

■ 94.2080, 34.9005,
5.9566

■ 147.3020, 8.7251,
1.4891

■ 81.2280, 41.2996,
6.8160

■ 160.2820, 2.3260,
0.6297

■ 67.6610, 47.9881,
8.1903

■ 173.8490, -4.3626,
-0.7446

■ 54.6810, 54.3873,
9.0498

■ 187.4160,
-11.0511, -2.1188

■ 41.1140, 61.0758,
10.4240

■ 200.3960,
-17.4502, -2.9783

■ 32.2650, 65.4384,
11.1686

■ 213.9630,
-24.1388, -4.3526

■ 226.9430,
-30.5379, -5.2120

■ 238.1620,
-36.0689, -4.5271

Harmonies

Analogous

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



114.1960, 29.4834, -29.9899



120.7550, 21.8128, 3.7229



121.7600, 10.9643, 30.0285

Triad

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



120.7550, 21.8128, 3.7229



117.9060, -24.1107, 33.4084



96.2360, 11.7157, -71.2440

Complementary

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



120.7550, 21.8128, 3.7229



154.2450, -21.8128, -3.7229

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.



108.0160, -7.8959, -34.2170



120.7550, 21.8128, 3.7229



116.1010, -26.6718, 14.8204

Square

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



120.7550, 21.8128, 3.7229



119.0890, -14.8339, 44.6489



113.1520, -20.7809, -8.0263



94.3560, 26.4465, -82.7502

Rectangle

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



120.7550, 21.8128, 3.7229



121.2360, 2.3487, 40.1350



113.1520, -20.7809, -8.0263



102.3860, 4.2467, -55.5895

Sweetspot

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



120.7550, 21.8128, 3.7229



197.1880, 8.2883, 1.5891



139.7500, 12.4482, -26.0907



96.6780, 5.0887, 1.1594



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.



120.7550, 21.8128, 3.7229



145.5670, 33.7375, 5.6417



128.8280, 17.8328, 20.3218



74.9230, 3.4890, 0.9445



28.4900, 57.4394, 10.0943



3.5470, 7.1253, 1.2743

Inverse Universe

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



131.0050, 9.3645, 29.8136



161.4830, 14.5519, 46.0574



146.1720, -17.8328, -20.3218



76.3750, 1.2941, 4.9331



55.4390, 24.9266, 78.5450



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 120.7550, 21.8128, 3.7229 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 120.7550, 21.8128, 3.7229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

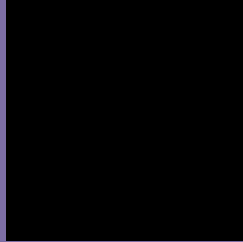
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.7550, 21.8128, 3.7229

Background



This preview shows how black text looks on a background with the YUV color 120.7550, 21.8128, 3.7229.



This preview shows how white text looks on a background with the YUV color 120.7550, 21.8128,

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

120.7550, 21.8128, 3.7229

Protanopia

118.2580, 25.5088, -15.1353

Deuteranopia

118.4710, 22.4458, -12.6911



Tritanopia

119.0260, 3.9312, -0.8998

Trichromacy



Original Color

120.7550, 21.8128, 3.7229

Protanomaly

118.9600, 24.1767, -7.8579

Deuteranomaly

119.1020, 22.1347, -6.2285

Tritanomaly

119.7580, 10.4723, 1.0892

Monochromacy



Original Color

120.7550, 21.8128, 3.7229

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.7550, 21.8128, 3.7229 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(125, 110, 165)` looks like.

```
.text, #text, p{  
    color:rgb(125, 110, 165)  
}
```

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(125, 110, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 110, 165) }
```

Border

The CSS property to change the border of an element to YUV 120.7550, 21.8128, 3.7229 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(125, 110, 165) }
```


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

```
.border{ border-color:rgb(125, 110, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 110, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 110, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 110, 165);  
box-shadow:4px 4px 4px 4px rgb(125, 110,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 120.7550, 21.8128, 3.7229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 110, 165) }
```

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

```
.background{ background-color: rgb(125,  
110, 165) }
```

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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