

Converting Colors

YUV(120.8850, 21.2557,
-4.2841)

Have a look what the booklet for
YUV(120.8850, 21.2557, -4.2841)
contains.

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Color

**YUV(120.8850, 21.2557,
-4.2841)**

Conversions

Conversions Part 1

Format	Color
Hex	7473A4
RGB	116, 115, 164
RGB Percent	45%, 45%, 64%
CMY	0.5451, 0.5490, 0.3569
CMYK	0.29, 0.30, 0.00, 0.36
HSL	241°, 21%, 55%
HSV	241°, 30%, 64%
XYZ	20.0340, 18.6548, 37.6668
YIQ	120.8850, -15.1330, 15.4510

Conversions

Conversions Part 2

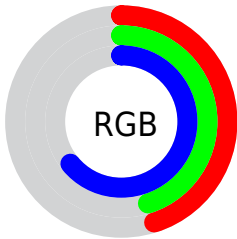
Format	Color
R_{YB}	116, 115, 164
Decimal	7631780
CIE _{Lab}	50.28, 11.87, -26.12
CIE _{LCh}	50, 28.692, 294.439
Yxy	18.6548, 0.2624, 0.2443
Android (android.graphics.Color)	4285821860 (0xFF7473A4)
YUV	120.8850, 21.2557, -4.2841
Hunter-Lab	43.1912, 7.2117, -21.4726

Details

The YUV color **120.8850, 21.2557, -4.2841** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **158.1150, -21.2557, 4.2841**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5260, 22.4187, -3.9693**, and **71.8310, 19.8033, -5.1138** is the 20% darker color. If you saturate the color by 10%, you get **106.7090, 28.2445, -5.8838**, and if you desaturate by 10%, it is **135.0610, 14.2669, -2.6845**.

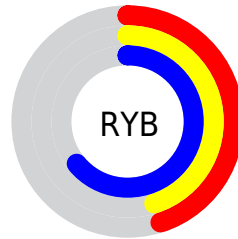
Distribution



Red (45%)

Green (45%)

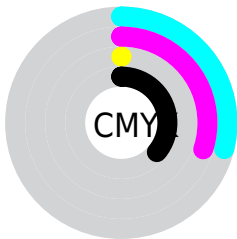
Blue (64%)



Red (45%)

Yellow (45%)

Blue (64%)

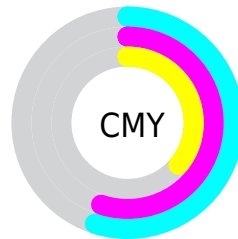


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.8850, 21.2557, -4.2841 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 120.8850, 21.2557, -4.2841 by changing the saturation by 10% instead.

■ 120.8850, 21.2557,
-4.2841

■ 120.8850, 21.2557,
-4.2841

■ 255.0000, 0.0000,
0.0000

■ 95.7710, 20.8189,
-4.1842

■ 173.5260, 22.4187,
-3.9693

■ 71.8310, 19.8033,
-5.1138

■ 201.0530, 23.1449,
-3.5545

■ 48.8910, 18.7877,
-6.0434

■ 226.6590, 13.9721,
-1.4549

■ 27.0540, 18.2144,
-8.8174

■ 251.7660, 1.5944,
1.9592

■ 4.7880, 18.3455,
-4.1991

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 120.8850, 21.2557,
-4.2841

■ 120.8850, 21.2557,
-4.2841

■ 106.7090, 28.2445,
-5.8838

■ 135.0610, 14.2669,
-2.6845

■ 91.9460, 35.5226,
-6.9686

■ 149.8240, 6.9888,
-1.5996

■ 77.7700, 42.5114,
-8.5683

■ 164.0000, 0.0000,
0.0000

■ 63.0070, 49.7895,
-9.6531

■ 178.7630, -7.2782,
1.0848

■ 48.8310, 56.7783,
-11.2528

■ 192.9390,
-14.2669, 2.6845

■ 34.6550, 63.7671,
-12.8524

■ 207.1150,
-21.2557, 4.2841

■ 19.8920, 71.0452,
-13.9373

■ 221.8780,
-28.5339, 5.3690

■ 19.5930, 71.1927,
-14.5521

■ 236.3530,
-35.6700, 7.5834

■ 244.6260,
-39.7486, 9.0980

Harmonies

Analogous

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



114.3760, 26.4366, -32.7788



120.8850, 21.2557, -4.2841



122.7480, 12.4492, 20.3920

Triad

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



120.8850, 21.2557, -4.2841



119.8720, -19.1639, 33.4383



106.9250, 3.4880, -45.5382

Complementary

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



120.8850, 21.2557, -4.2841



158.1150, -21.2557, 4.2841

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.



112.5830, -11.1334, -22.4363



120.8850, 21.2557, -4.2841



118.6330, -23.4831, 18.7389

Square

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



120.8850, 21.2557, -4.2841



121.3210, -10.0183, 40.0605



115.6090, -20.5132, -0.5341



99.9080, 19.2724, -68.3253

Rectangle

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



120.8850, 21.2557, -4.2841



122.5770, 5.1385, 31.9430



115.6090, -20.5132, -0.5341



109.3020, -1.6279, -37.9759

Sweetspot

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



120.8850, 21.2557, -4.2841



197.1660, 8.2992, -1.8996



148.7620, 7.5123, -29.6093



96.6670, 5.0942, -0.5850



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.



120.8850, 21.2557, -4.2841



146.3760, 33.3386, -6.4688



128.0610, 17.7179, 10.4705



74.3250, 3.7838, -0.2850



17.4270, 62.8935, -12.6525



2.0520, 7.8624, -1.7996

Inverse Universe

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



135.1230, 13.7434, 25.3251



168.6870, 21.8463, 39.7395



150.9390, -17.7179, -10.4705



76.6030, 2.1677, 4.7332



59.5430, 40.6513, 74.9458



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 120.8850, 21.2557, -4.2841 looks on a white background.

Color Contrast Check

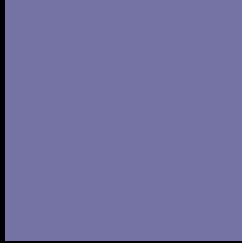
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.8850, 21.2557, -4.2841 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 120.8850, 21.2557, -4.2841

Background



This preview shows how black text looks on a background with the YUV color 120.8850, 21.2557, -4.2841.



This preview shows how white text looks on a background with the YUV color 120.8850, 21.2557, -4.2841.

-4.2841.

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

120.8850, 21.2557, -4.2841

Protanopia

119.5850, 22.8826, -12.7910

Deuteranopia

119.5420, 21.4248, -11.8763



Tritanopia

118.5520, 6.1369, -8.3771

Trichromacy



Original Color

120.8850, 21.2557, -4.2841

Protanomaly

120.0800, 22.1456, -9.7172

Deuteranomaly

120.1510, 21.1246, -8.9024

Tritanomaly

119.6430, 11.5150, -6.7029

Monochromacy



Original Color

120.8850, 21.2557, -4.2841

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0520, 7.8624, -1.7996

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.8850, 21.2557, -4.2841 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(116, 115, 164)` looks like.

```
.text, #text, p{  
    color:rgb(116, 115, 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(116, 115, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 115, 164) }
```

Border

The CSS property to change the border of an element to YUV 120.8850, 21.2557, -4.2841 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(116, 115, 164) }
```


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

```
.border{ border-color:rgb(116, 115, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 115, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 115, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 115, 164); box-shadow:4px 4px 4px 4px rgb(116, 115, 164) }
```

Background

The CSS property to change the background color of an element to YUV 120.8850, 21.2557, -4.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 115, 164) }
```

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

```
.background{ background-color: rgb(116,  
115, 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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