

Converting Colors

YUV(73.5620, 21.4149, 38.0951)

Have a look what the booklet for
YUV(73.5620, 21.4149, 38.0951)
contains.

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Color

**YUV(73.5620, 21.4149,
38.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	752B75
RGB	117, 43, 117
RGB Percent	46%, 17%, 46%
CMY	0.5412, 0.8314, 0.5412
CMYK	0.00, 0.63, 0.00, 0.54
HSL	300°, 46%, 31%
HSV	300°, 63%, 46%
XYZ	11.4109, 6.7940, 17.5396
YIQ	73.5620, 20.3500, 38.7020

Conversions

Conversions Part 2

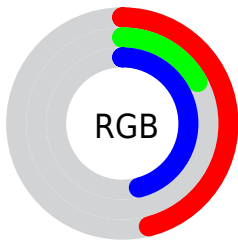
Format	Color
R_{YB}	117, 43, 117
Decimal	7678837
CIE _{Lab}	31.33, 42.64, -27.21
CIE _{LCh}	31, 50.580, 327.452
Yxy	6.7940, 0.3192, 0.1901
Android (android.graphics.Color)	4285868917 (0xFF752B75)
YUV	73.5620, 21.4149, 38.0951
Hunter-Lab	26.0653, 32.5294, -21.6510

Details

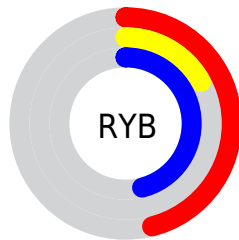
The YUV color **73.5620, 21.4149, 38.0951** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **86.4380, -21.4149, -38.0951**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5730, 21.4095, 39.8395**, and **27.4860, 19.9734, 33.7768** is the 20% darker color. If you saturate the color by 10%, you get **66.5180, 24.8876, 44.2727**, and if you desaturate by 10%, it is **80.6060, 17.9422, 31.9175**.

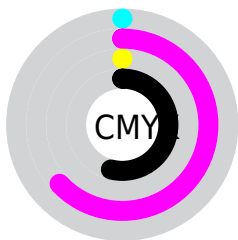
Distribution



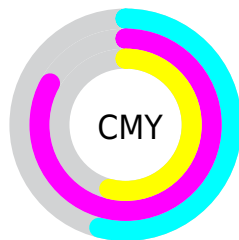
- Red (46%)
- Green (17%)
- Blue (46%)



- Red (46%)
- Yellow (17%)
- Blue (46%)



- Cyan (0%)
- Magenta (63%)
- Yellow (0%)
- Black (54%)



- Cyan (54%)
- Magenta (83%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.5620, 21.4149, 38.0951 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 73.5620, 21.4149, 38.0951 by changing the saturation by 10% instead.

73.5620, 21.4149,
38.0951

73.5620, 21.4149,
38.0951

255.0000, 0.0000,
0.0000

46.5020, 22.4305,
39.0247

125.5730, 21.4095,
39.8395

27.4860, 19.9734,
33.7768

152.3990, 21.9883,
40.8691

18.4000, 13.6068,
22.4512

180.1110, 22.1303,
41.9987

2.7360, 10.4832,
-2.3995

207.3390, 23.0039,
41.7987

0.0000, 0.0000,
0.0000

223.8890, 15.3377,
27.2843

240.3250, 7.2348,

12.8700

■ 73.5620, 21.4149,
38.0951

■ 73.5620, 21.4149,
38.0951

■ 66.5180, 24.8876,
44.2727

■ 80.6060, 17.9422,
31.9175

■ 60.0610, 28.0709,
49.9355

■ 87.0630, 14.7589,
26.2547

■ 53.0170, 31.5436,
56.1131

■ 94.1070, 11.2862,
20.0772

■ 48.3210, 33.8587,
60.2315

■ 101.1510, 7.8136,
13.8996

■ 108.1950, 4.3409,
7.7220

■ 114.6520, 1.1576,
2.0592

■ 121.6960, -2.3151,
-4.1184

■ 128.7400, -5.7878,
-10.2960

■ 135.1970, -8.9711,
-15.9588

Harmonies

Analogous

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



73.2230, 35.3861, -9.8426



73.5620, 21.4149, 38.0951



64.9540, 6.9247, 65.8153

Triad

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



73.5620, 21.4149, 38.0951



69.4840, -34.2556, 20.6235



65.8430, 21.2764, -57.7443

Complementary

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



73.5620, 21.4149, 38.0951



86.4380, -21.4149, -38.0951

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.



61.2830, 3.8045, -53.7452



73.5620, 21.4149, 38.0951



64.5790, -31.8374, -8.4008

Square

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



73.5620, 21.4149, 38.0951



68.1760, -33.6108, 47.2036



54.7340, -13.6729, -48.0017



67.7300, 36.1221, -59.3992

Rectangle

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



73.5620, 21.4149, 38.0951



64.3490, -5.5951, 68.0999



54.7340, -13.6729, -48.0017



64.3610, 15.5980, -56.4446

Sweetspot

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



73.5620, 21.4149, 38.0951



135.9770, 8.3923, 14.9292



51.4360, 32.3231, -7.3984



66.4340, 5.2090, 9.2664



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5620, 21.4149, 38.0951



84.9080, 33.5694, 59.7167



69.3440, 5.2534, 41.7943



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Inverse Universe

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



73.5620, 21.4149, 38.0951



84.9080, 33.5694, 59.7167



90.6560, -5.2534, -41.7943



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 73.5620, 21.4149, 38.0951 looks on a white background.

Color Contrast Check

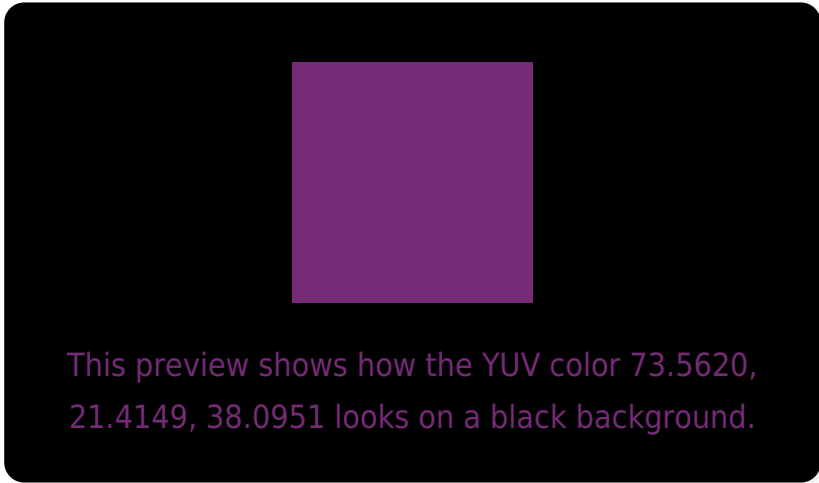
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

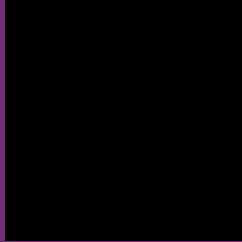
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.5620, 21.4149, 38.0951

Background



This preview shows how black text looks on a background with the YUV color 73.5620, 21.4149, 38.0951.



This preview shows how white text looks on a background with the YUV color 73.5620, 21.4149,

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

73.5620, 21.4149, 38.0951

Protanopia

68.5470, 37.1983, -31.1747

Deuteranopia

73.5480, 18.9568, -13.6356



Tritanopia

75.0040, -5.9180, 31.5685

Trichromacy



Original Color

73.5620, 21.4149, 38.0951

Protanomaly

70.2190, 31.4440, -5.4541

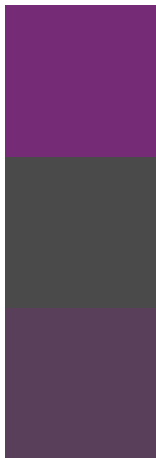
Deuteranomaly

73.5980, 19.9182, 4.7376

Tritanomaly

74.3600, 4.2595, 33.8873

Monochromacy



Original Color

73.5620, 21.4149, 38.0951

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.1510, 7.8136, 13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.5620, 21.4149, 38.0951 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(117, 43, 117)` looks like.

```
.text, #text, p{  
    color:rgb(117, 43, 117)  
}
```

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(117, 43, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 43, 117) }
```

Border

The CSS property to change the border of an element to YUV 73.5620, 21.4149, 38.0951 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(117, 43, 117) }
```


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

```
.border{ border-color:rgb(117, 43, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 43, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 43, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 43, 117);  
box-shadow:4px 4px 4px 4px rgb(117, 43,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 73.5620, 21.4149, 38.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 43, 117) }
```

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

```
.background{ background-color: rgb(117, 43,  
117) }
```

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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