

Converting Colors

YUV(81.3370, 5.7499, 22.5065)

Have a look what the booklet for
YUV(81.3370, 5.7499, 22.5065)
contains.

YUV(81.3370, 5.7499, 22.5065)	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(81.3370, 5.7499,
22.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	6B425D
RGB	107, 66, 93
RGB Percent	42%, 26%, 36%
CMY	0.5804, 0.7412, 0.6353
CMYK	0.00, 0.38, 0.13, 0.58
HSL	320°, 24%, 34%
HSV	320°, 38%, 42%
XYZ	9.9874, 7.8125, 11.3375
YIQ	81.3370, 15.7690, 17.0890

Conversions

Conversions Part 2

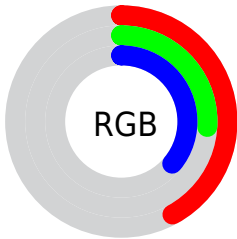
Format	Color
R_{YB}	107, 66, 93
Decimal	7029341
CIE Lab	33.59, 22.20, -8.59
CIE LCh	34, 23.801, 338.838
Yxy	7.8125, 0.3428, 0.2681
Android (android.graphics.Color)	4285219421 (0xFF6B425D)
YUV	81.3370, 5.7499, 22.5065
Hunter-Lab	27.9509, 14.8674, -4.4837

Details

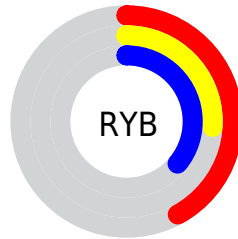
The YUV color **81.3370, 5.7499, 22.5065** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.6630, -5.7499, -22.5065**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3480, 5.7444, 24.2508**, and **35.0270, 5.9027, 20.1473** is the 20% darker color. If you saturate the color by 10%, you get **74.4240, 7.1860, 28.5692**, and if you desaturate by 10%, it is **88.2500, 4.3137, 16.4438**.

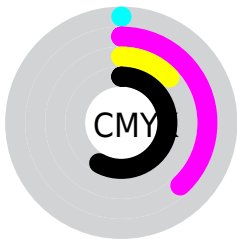
Distribution



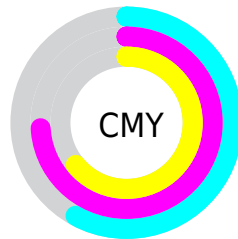
- Red (42%)
- Green (26%)
- Blue (36%)



- Red (42%)
- Yellow (26%)
- Blue (36%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (58%)



- Cyan (58%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3370, 5.7499, 22.5065 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 81.3370, 5.7499, 22.5065 by changing the saturation by 10% instead.

81.3370, 5.7499,
22.5065

81.3370, 5.7499,
22.5065

255.0000, 0.0000,
0.0000

57.6250, 5.6079,
21.3769

131.3480, 5.7444,
24.2508

35.0270, 5.9027,
20.1473

157.7610, 6.0338,
24.7656

14.1410, 6.3395,
20.0473

184.4730, 6.1758,
25.8952

0.0000, 0.0000,
0.0000

212.1850, 6.3178,
27.0248

235.5150, 9.1131,
17.0883

252.6520, 1.1576,

2.0592

■ 81.3370, 5.7499,
22.5065

■ 81.3370, 5.7499,
22.5065

■ 74.4240, 7.1860,
28.5692

■ 88.2500, 4.3137,
16.4438

■ 68.2120, 8.7695,
34.0171

■ 94.4620, 2.7302,
10.9958

■ 61.2990, 10.2056,
40.0798

■ 101.3750, 1.2941,
4.9331

■ 54.3860, 11.6417,
46.1425

■ 108.2880, -0.1420,
-1.1296

■ 47.5870, 13.5146,
52.1052

■ 115.0870, -2.0149,
-7.0923

■ 41.2610, 14.6613,
57.6531

■ 121.4130, -3.1616,
-12.6402

■ 39.9730, 14.8033,
58.7827

■ 128.3260, -4.5977,
-18.7029

■ 135.1250, -6.4706,
-24.6656

■ 141.4510, -7.6173,
-30.2135

Harmonies

Analogous

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



80.8880, 13.3662, 6.2372



81.3370, 5.7499, 22.5065



80.3890, -3.1498, 30.3538

Triad

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



81.3370, 5.7499, 22.5065



77.3480, -17.9196, 7.5878



63.2840, 19.0870, -55.5001

Complementary

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



81.3370, 5.7499, 22.5065



91.6630, -5.7499, -22.5065

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.



63.3140, 10.1982, -51.1414



81.3370, 5.7499, 22.5065



74.9160, -12.7766, -8.6963

Square

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



81.3370, 5.7499, 22.5065



78.3650, -16.9419, 20.7279



71.3250, -3.1182, -26.5950



69.4690, 21.9538, -41.6303

Rectangle

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



81.3370, 5.7499, 22.5065



80.1950, -8.9701, 30.5240



71.3250, -3.1182, -26.5950



63.3010, 16.6136, -55.5150

Sweetspot

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



81.3370, 5.7499, 22.5065



130.6250, 2.1569, 8.2219



74.8600, 15.8450, 4.5078



65.3750, 1.2941, 4.9331



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



81.3370, 5.7499, 22.5065



99.9240, 8.9115, 35.1467



79.0570, -2.9861, 24.5060



50.2500, 0.8628, 3.2887



43.7610, 16.3868, 64.2306



91.6090, 34.2098, 134.5239

Inverse Universe

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



81.3370, 5.7499, 22.5065



99.9240, 8.9115, 35.1467



93.9430, 2.9861, -24.5060



50.2500, 0.8628, 3.2887



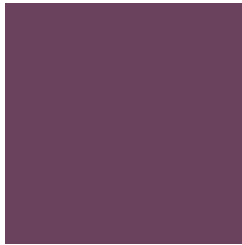
43.7610, 16.3868, 64.2306



91.6090, 34.2098, 134.5239

Previews

White Background



This preview shows how the YUV color 81.3370, 5.7499, 22.5065 looks on a white background.

Color Contrast Check

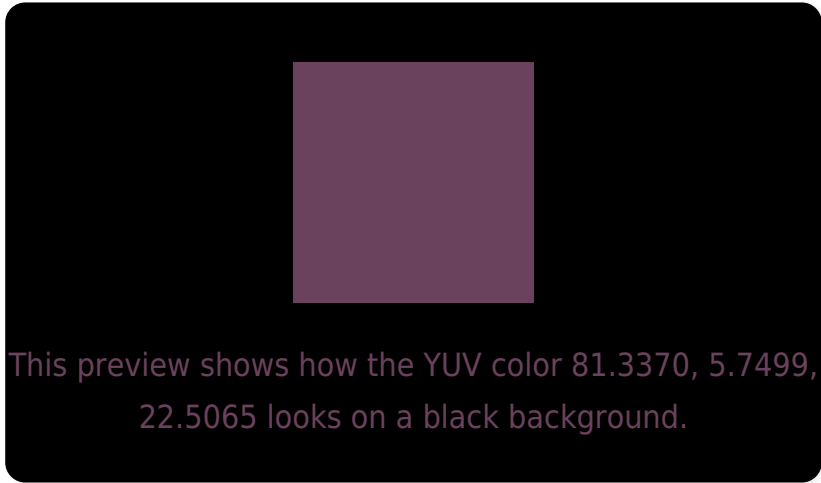
Large Text (above 18pt) WCAG AA ✓ Pass

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

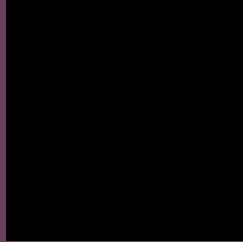
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3370, 5.7499, 22.5065

Background



This preview shows how black text looks on a background with the YUV color 81.3370, 5.7499, 22.5065.



This preview shows how white text looks on a background with the YUV color 81.3370, 5.7499,

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

81.3370, 5.7499, 22.5065

Protanopia

79.8280, 10.9308, -5.9882

Deuteranopia

80.0910, 5.3781, 1.6742



Tritanopia

81.0350, -2.9753, 21.0173

Trichromacy



Original Color

81.3370, 5.7499, 22.5065

Protanomaly

80.1390, 9.2985, 4.2631

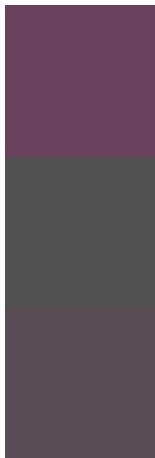
Deuteranomaly

80.5480, 5.6458, 9.1664

Tritanomaly

81.5450, 0.2243, 21.4470

Monochromacy



Original Color

81.3370, 5.7499, 22.5065

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2120, 1.8675, 7.7071

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3370, 5.7499, 22.5065 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(107, 66, 93)` looks like.

```
.text, #text, p{  
    color:rgb(107, 66, 93)  
}
```

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(107, 66, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 66, 93) }
```

Border

The CSS property to change the border of an element to YUV 81.3370, 5.7499, 22.5065 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(107, 66, 93) }
```


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

```
.border{ border-color:rgb(107, 66, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 66, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 66, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 66, 93);  
box-shadow:4px 4px 4px 4px rgb(107, 66,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 81.3370, 5.7499, 22.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 66, 93) }
```

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

```
.background{ background-color: rgb(107, 66,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor