

Converting Colors

YUV(71.5650, 6.6235, 22.3065)

Have a look what the booklet for
YUV(71.5650, 6.6235, 22.3065)
contains.

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Color

**YUV(71.5650, 6.6235,
22.3065)**

Conversions

Conversions Part 1

Format	Color
Hex	613855
RGB	97, 56, 85
RGB Percent	38%, 22%, 33%
CMY	0.6196, 0.7804, 0.6667
CMYK	0.00, 0.42, 0.12, 0.62
HSL	318°, 27%, 30%
HSV	318°, 42%, 38%
XYZ	7.9836, 6.0256, 9.3366
YIQ	71.5650, 15.1270, 17.7110

Conversions

Conversions Part 2

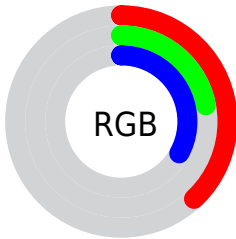
Format	Color
R_YB	97, 56, 85
Decimal	6371413
CIE Lab	29.48, 22.95, -9.79
CIE LCh	29, 24.951, 336.909
Yxy	6.0256, 0.3420, 0.2581
Android (android.graphics.Color)	4284561493 (0xFF613855)
YUV	71.5650, 6.6235, 22.3065
Hunter-Lab	24.5471, 15.0973, -5.3682

Details

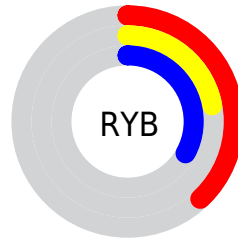
The YUV color **71.5650, 6.6235, 22.3065** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.4350, -6.6235, -22.3065**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9890, 6.9074, 24.5656**, and **25.6680, 7.0657, 20.4622** is the 20% darker color. If you saturate the color by 10%, you get **65.3530, 8.2070, 27.7544**, and if you desaturate by 10%, it is **77.7770, 5.0399, 16.8586**.

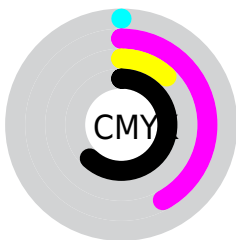
Distribution



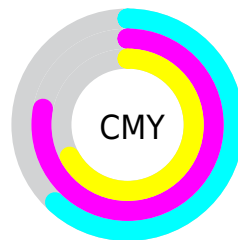
- Red (38%)
- Green (22%)
- Blue (33%)



- Red (38%)
- Yellow (22%)
- Blue (33%)



- Cyan (0%)
- Magenta (42%)
- Yellow (12%)
- Black (62%)



- Cyan (62%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5650, 6.6235, 22.3065 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 71.5650, 6.6235, 22.3065 by changing the saturation by 10% instead.

71.5650, 6.6235,
22.3065

71.5650, 6.6235,
22.3065

255.0000, 0.0000,
0.0000

48.8530, 6.4815,
21.1769

120.9890, 6.9074,
24.5656

25.6680, 7.0657,
20.4622

146.7010, 7.0494,
25.6952

11.2500, 4.3137,
16.4438

173.7010, 7.0494,
25.6952

0.0000, 0.0000,
0.0000

201.4130, 7.1914,
26.8248

227.3310, 8.2178,
24.2657

245.6080, 4.6303,

■ 71.5650, 6.6235,
22.3065

■ 71.5650, 6.6235,
22.3065

■ 65.3530, 8.2070,
27.7544

■ 77.7770, 5.0399,
16.8586

■ 59.7280, 9.5011,
32.6875

■ 83.4020, 3.7458,
11.9254

■ 53.5160, 11.0846,
38.1355

■ 89.6140, 2.1623,
6.4775

■ 47.4180, 13.1049,
43.4834

■ 95.7120, 0.1420,
1.1296

■ 41.2060, 14.6884,
48.9313

■ 101.3370, -1.1521,
-3.8035

■ 36.8690, 15.8406,
52.7349

■ 107.5490, -2.7357,
-9.2515

■ 113.7610, -4.3192,
-14.6994

■ 119.9730, -5.9027,
-20.1473

■ 125.5980, -7.1968,
-25.0804

Harmonies

Analogous

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



71.4040, 14.0978, 4.9077



71.5650, 6.6235, 22.3065



70.3290, -2.1342, 31.2835

Triad

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



71.5650, 6.6235, 22.3065



67.5330, -18.5038, 8.3026



56.8610, 17.3235, -49.8671

Complementary

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



71.5650, 6.6235, 22.3065



81.4350, -6.6235, -22.3065

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.



54.6950, 9.0244, -47.9675



71.5650, 6.6235, 22.3065



65.1010, -13.3608, -7.9816

Square

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



71.5650, 6.6235, 22.3065



68.6640, -17.0894, 21.3427



60.9120, -3.4076, -27.1098



56.5820, 23.8701, -49.6224

Rectangle

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



71.5650, 6.6235, 22.3065



70.0210, -8.3914, 31.5536



60.9120, -3.4076, -27.1098



56.1770, 14.7027, -49.2672

Sweetspot

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



71.5650, 6.6235, 22.3065



115.0380, 2.4463, 8.7367



64.2620, 16.1398, 3.2782



57.7880, 1.5835, 5.4479



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



71.5650, 6.6235, 22.3065



85.2660, 10.2219, 34.8467



69.2850, -2.1125, 24.3061



45.5380, 0.7208, 2.1592



42.4940, 17.9975, 60.9568



91.1400, 38.8780, 130.5502

Inverse Universe

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



71.5650, 6.6235, 22.3065



85.2660, 10.2219, 34.8467



83.7150, 2.1125, -24.3061



45.5380, 0.7208, 2.1592



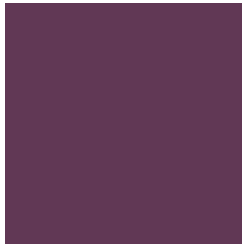
42.4940, 17.9975, 60.9568



91.1400, 38.8780, 130.5502

Previews

White Background



This preview shows how the YUV color 71.5650, 6.6235, 22.3065 looks on a white background.

Color Contrast Check

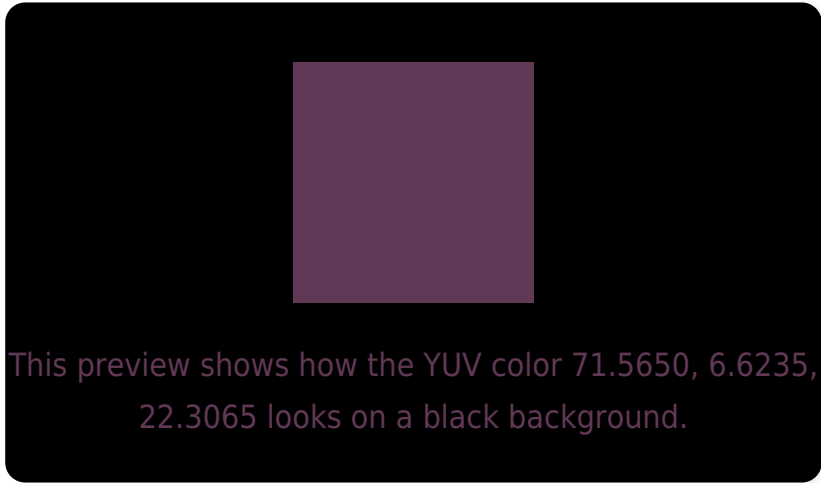
Large Text (above 18pt) WCAG AA ✓ Pass

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

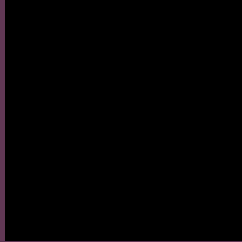
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.5650, 6.6235, 22.3065

Background



This preview shows how black text looks on a background with the YUV color 71.5650, 6.6235, 22.3065.



This preview shows how white text looks on a background with the YUV color 71.5650, 6.6235,

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

71.5650, 6.6235, 22.3065

Protanopia

70.0560, 11.8044, -6.1881

Deuteranopia

70.3080, 6.2572, -0.2701



Tritanopia

71.0350, -2.9753, 21.0173

Trichromacy



Original Color

71.5650, 6.6235, 22.3065

Protanomaly

70.3670, 10.1721, 4.0631

Deuteranomaly

71.0640, 6.3774, 7.8369

Tritanomaly

71.5450, 0.2243, 21.4470

Monochromacy



Original Color

71.5650, 6.6235, 22.3065

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.7390, 2.5937, 8.1219

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5650, 6.6235, 22.3065 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(97, 56, 85)` looks like.

```
.text, #text, p{  
    color:rgb(97, 56, 85)  
}
```

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(97, 56, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 56, 85) }
```

Border

The CSS property to change the border of an element to YUV 71.5650, 6.6235, 22.3065 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(97, 56, 85) }
```


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

```
.border{ border-color:rgb(97, 56, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 56, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 56, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 56, 85);  
box-shadow:4px 4px 4px 4px rgb(97, 56, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.5650, 6.6235, 22.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 56, 85) }
```

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

```
.background{ background-color: rgb(97, 56,  
85) }
```

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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