

Converting Colors

YUV(73.5430, 3.6763, 81.0848)

Have a look what the booklet for
YUV(73.5430, 3.6763, 81.0848)
contains.

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Color

**YUV(73.5430, 3.6763,
81.0848)**

Conversions

Conversions Part 1

Format	Color
Hex	A61951
RGB	166, 25, 81
RGB Percent	65%, 10%, 32%
CMY	0.3490, 0.9020, 0.6824
CMYK	0.00, 0.85, 0.51, 0.35
HSL	336°, 74%, 37%
HSV	336°, 85%, 65%
XYZ	17.5587, 9.3963, 8.6728
YIQ	73.5430, 66.0600, 47.3080

Conversions

Conversions Part 2

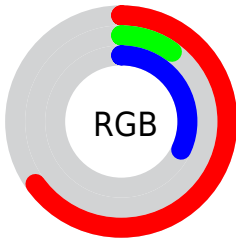
Format	Color
RYB	166, 25, 81
Decimal	10885457
CIELab	36.74, 57.45, 4.87
CIElCh	37, 57.660, 4.847
Yxy	9.3963, 0.4928, 0.2637
Android (android.graphics.Color)	4289075537 (0xFFA61951)
YUV	73.5430, 3.6763, 81.0848
Hunter-Lab	30.6534, 48.6038, 4.6824

Details

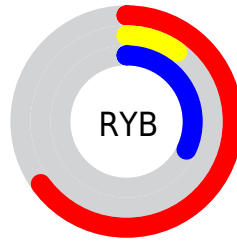
The YUV color **73.5430, 3.6763, 81.0848** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **117.4570, -3.6763, -81.0848**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4630, -1.7073, 81.1549**, and **36.5100, 0.2416, 62.6967** is the 20% darker color. If you saturate the color by 10%, you get **62.4240, 4.2280, 90.8362**, and if you desaturate by 10%, it is **84.6620, 3.1246, 71.3334**.

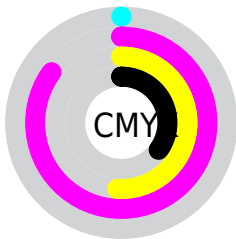
Distribution



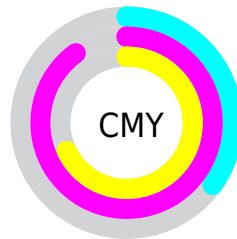
- Red (65%)
- Green (10%)
- Blue (32%)



- Red (65%)
- Yellow (10%)
- Blue (32%)



- Cyan (0%)
- Magenta (85%)
- Yellow (51%)
- Black (35%)



- Cyan (35%)
- Magenta (90%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.5430, 3.6763, 81.0848 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 73.5430, 3.6763, 81.0848 by changing the saturation by 10% instead.

73.5430, 3.6763,
81.0848

73.5430, 3.6763,
81.0848

255.0000, 0.0000,
0.0000

47.5750, 5.1395,
78.4257

133.4630, -1.7073,
81.1549

36.5100, 0.2416,
62.6967

161.5340, -2.7283,
81.9697

25.4450, -4.6564,
46.9677

181.0480, 0.9623,
64.8559

15.7760, -6.7916,
31.7684

200.5620, 4.6529,
47.7421

0.2990, -0.1474,
0.6148

220.8910, 8.9277,
29.9136

0.0000, 0.0000,
0.0000

239.7380, 7.5242,

13.3848

■ 73.5430, 3.6763,
81.0848

■ 73.5430, 3.6763,
81.0848

■ 62.4240, 4.2280,
90.8362

■ 84.6620, 3.1246,
71.3334

■ 57.1580, 4.3591,
95.4544

■ 95.1940, 2.8624,
62.0969

■ 106.3130, 2.3107,
52.3455

■ 116.8450, 2.0484,
43.1089

■ 127.9640, 1.4967,
33.3576

■ 139.0830, 0.9451,
23.6062

■ 149.6150, 0.6828,
14.3696

■ 160.7340, 0.1311,
4.6183

■ 171.2660, -0.1311,
-4.6183

Harmonies

Analogous

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



83.3730, 21.5081, 54.9239



73.5430, 3.6763, 81.0848



77.7720, -20.5936, 72.1140

Triad

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



73.5430, 3.6763, 81.0848



72.1770, -35.5833, -20.3262



78.7810, 45.4640, -69.0909

Complementary

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



73.5430, 3.6763, 81.0848



117.4570, -3.6763, -81.0848

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.



78.0680, 30.0395, -68.4656



73.5430, 3.6763, 81.0848



66.0640, -10.8776, -57.9381

Square

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



73.5430, 3.6763, 81.0848



80.6700, -39.7703, 16.0754



72.8240, 9.9468, -63.8666



73.3500, 52.5785, -64.3280

Rectangle

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



73.5430, 3.6763, 81.0848



79.5750, -38.7375, 58.2547



72.8240, 9.9468, -63.8666



79.5160, 40.6646, -69.7355

Sweetspot

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



73.5430, 3.6763, 81.0848



181.5400, 1.2128, 31.0984



66.4890, 49.0589, 38.1591



88.3490, 0.8139, 18.9879



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



73.5430, 3.6763, 81.0848



74.6870, 5.5773, 124.8085



75.3770, -24.8359, 79.4764



78.7340, 0.1311, 4.6183



50.9780, 3.9548, 85.0883



6.8920, 0.5462, 11.4957

Inverse Universe

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



73.5430, 3.6763, 81.0848



74.6870, 5.5773, 124.8085



115.6230, 24.8359, -79.4764



78.7340, 0.1311, 4.6183



50.9780, 3.9548, 85.0883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 73.5430, 3.6763, 81.0848 looks on a white background.

Color Contrast Check

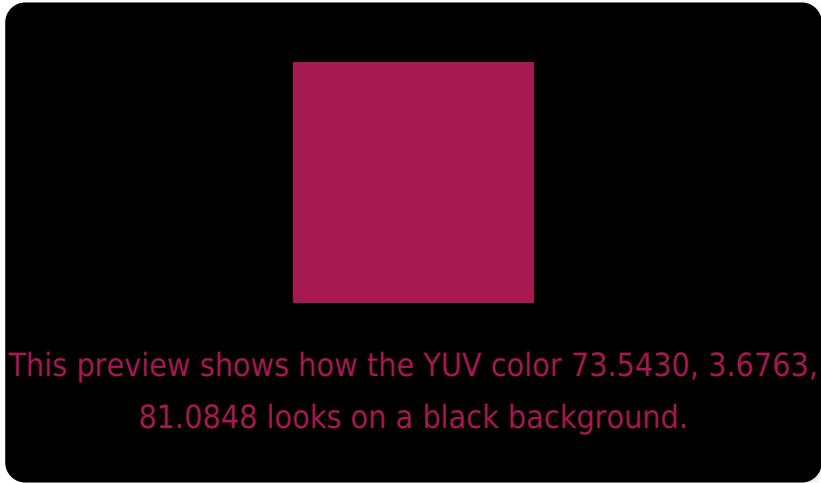
Large Text (above 18pt) WCAG AA ✓ Pass

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

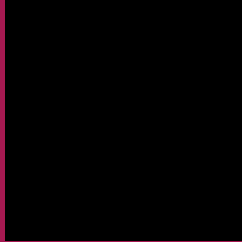
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.5430, 3.6763, 81.0848

Background



This preview shows how black text looks on a background with the YUV color 73.5430, 3.6763, 81.0848.



This preview shows how white text looks on a background with the YUV color 73.5430, 3.6763,

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

73.5430, 3.6763, 81.0848

Protanopia

88.1700, 12.2412, -6.2881

Deuteranopia

88.5300, -7.1633, 10.9362



Tritanopia

76.3750, -18.4259, 76.8471

Trichromacy



Original Color

73.5430, 3.6763, 81.0848

Protanomaly

82.5700, 9.0860, 25.8101

Deuteranomaly

83.1340, -3.0241, 36.7165

Tritanomaly

75.4490, -10.5744, 78.5362

Monochromacy



Original Color

73.5430, 3.6763, 81.0848

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.6430, 1.6550, 29.2541

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.5430, 3.6763, 81.0848 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(166, 25, 81)` looks like.

```
.text, #text, p{  
    color:rgb(166, 25, 81)  
}
```

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(166, 25, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 25, 81) }
```

Border

The CSS property to change the border of an element to YUV 73.5430, 3.6763, 81.0848 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(166, 25, 81) }
```


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

```
.border{ border-color:rgb(166, 25, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 25, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 25, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 25, 81);  
box-shadow:4px 4px 4px 4px rgb(166, 25,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 73.5430, 3.6763, 81.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 25, 81) }
```

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

```
.background{ background-color: rgb(166, 25,  
81) }
```

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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