

Converting Colors

YUV(73.6220, 67.7274, 70.4915)

Have a look what the booklet for
YUV(73.6220, 67.7274, 70.4915)
contains.

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Color

**YUV(73.6220, 67.7274,
70.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	9A06D3
RGB	154, 6, 211
RGB Percent	60%, 2%, 83%
CMY	0.3961, 0.9765, 0.1725
CMYK	0.27, 0.97, 0.00, 0.17
HSL	283°, 94%, 43%
HSV	283°, 97%, 83%
XYZ	25.1494, 11.7034, 62.5615
YIQ	73.6220, 22.4030, 95.1310

Conversions

Conversions Part 2

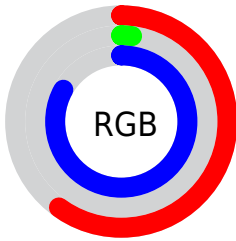
Format	Color
RYB	154, 6, 211
Decimal	10094291
CIELab	40.74, 76.42, -68.44
CIELCh	41, 102.590, 318.154
Yxy	11.7034, 0.2530, 0.1177
Android (android.graphics.Color)	4288284371 (0xFF9A06D3)
YUV	73.6220, 67.7274, 70.4915
Hunter-Lab	34.2103, 71.3550, -84.4785

Details

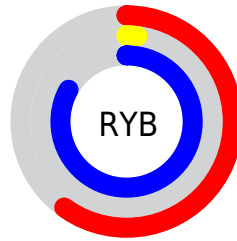
The YUV color **73.6220, 67.7274, 70.4915** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **143.3780, -67.7274, -70.4915**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9510, 55.2402, 62.3100**, and **46.0750, 53.7000, 42.9072** is the 20% darker color. If you saturate the color by 10%, you get **69.5020, 69.7585, 72.3507**, and if you desaturate by 10%, it is **87.7430, 60.7657, 63.3694**.

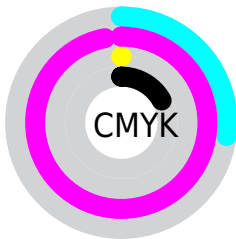
Distribution



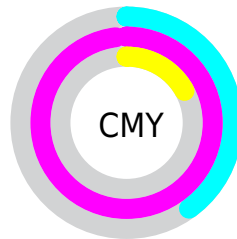
- Red (60%)
- Green (2%)
- Blue (83%)



- Red (60%)
- Yellow (2%)
- Blue (83%)



- Cyan (27%)
- Magenta (97%)
- Yellow (0%)
- Black (17%)



- Cyan (40%)
- Magenta (98%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.6220, 67.7274, 70.4915 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 73.6220, 67.7274, 70.4915 by changing the saturation by 10% instead.

73.6220, 67.7274,
70.4915

73.6220, 67.7274,
70.4915

255.0000, 0.0000,
0.0000

58.2370, 61.5082,
58.5512

142.9510, 55.2402,
62.3100

46.0750, 53.7000,
42.9072

169.5310, 42.1362,
65.3093

34.0270, 46.3287,
27.1633

189.2560, 32.4118,
57.6575

22.0930, 39.3942,
11.3194

206.2790, 24.0195,
42.7283

8.7780, 33.6334,
-7.6983

223.8890, 15.3377,
27.2843

8.9770, 21.7033,
-7.8728

240.9120, 6.9454,

4.7080, 12.9620,

12.3552

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 73.6220, 67.7274,
70.4915

■ 73.6220, 67.7274,
70.4915

■ 69.5020, 69.7585,
72.3507

■ 87.7430, 60.7657,
63.3694

■ 101.8640, 53.8040,
56.2473

■ 115.9850, 46.8424,
49.1252

■ 129.8070, 40.0281,
41.3883

■ 144.5150, 32.7771,
33.7513

■ 158.6360, 25.8155,
26.6292

■ 172.7570, 18.8538,
19.5071

■ 186.8780, 11.8921,
12.3850

■ 200.9990, 4.9305,
5.2629

Harmonies

Analogous

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



82.4870, 85.0489, -72.3411



73.6220, 67.7274, 70.4915



80.9420, 25.6646, 121.9539

Triad

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



73.6220, 67.7274, 70.4915



90.9020, -44.8147, 47.4439



90.7200, 27.7460, -79.5614

Complementary

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



73.6220, 67.7274, 70.4915



143.3780, -67.7274, -70.4915

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.



79.4000, -10.5502, -69.6338



73.6220, 67.7274, 70.4915



83.4290, -41.1305, -14.4082

Square

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



73.6220, 67.7274, 70.4915



59.8000, -29.4814, 122.9554



69.8530, -34.4375, -61.2611



99.3840, 60.9427, -87.1598

Rectangle

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



73.6220, 67.7274, 70.4915



77.9610, 0.0192, 134.2152



69.8530, -34.4375, -61.2611



86.8270, 15.3683, -76.1473

Sweetspot

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



73.6220, 67.7274, 70.4915



205.2830, 24.5105, 25.1848



63.4160, 72.7589, -50.3538



97.6980, 14.9389, 15.1739



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



73.6220, 67.7274, 70.4915



84.0860, 84.2606, 87.6246



85.6490, 40.1060, 109.9328



97.6460, 3.6255, 3.8185



55.6300, 55.3984, 58.2065



13.3450, 13.6339, 13.7294

Inverse Universe

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



73.7930, -5.3209, 120.3305



84.3390, -6.5761, 149.6697



131.3510, -40.1060, -109.9328



97.6310, -0.3111, 6.4626



55.5900, -4.2349, 98.5836



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 73.6220, 67.7274, 70.4915 looks on a white background.

Color Contrast Check

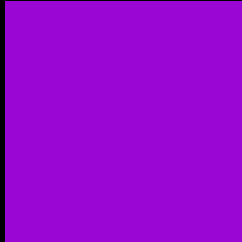
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 73.6220, 67.7274, 70.4915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

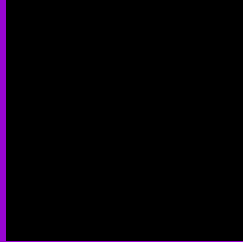
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.6220, 67.7274, 70.4915

Background



This preview shows how black text looks on a background with the YUV color 73.6220, 67.7274, 70.4915.



This preview shows how white text looks on a background with the YUV color 73.6220, 67.7274,

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

73.6220, 67.7274, 70.4915

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.4220, 46.6270, -68.7761



Tritanopia

98.9330, -4.8970, 30.7538

Trichromacy



Original Color

73.6220, 67.7274, 70.4915

Protanomaly

76.2800, 62.4730, -17.7856

Deuteranomaly

76.8040, 54.3266, -18.2451

Tritanomaly

89.6060, 21.3932, 45.0725

Monochromacy



Original Color

73.6220, 67.7274, 70.4915

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.6960, 24.7999, 25.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.6220, 67.7274, 70.4915 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(154, 6, 211)` looks like.

```
.text, #text, p{  
    color:rgb(154, 6, 211)  
}
```

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(154, 6, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 6, 211) }
```

Border

The CSS property to change the border of an element to YUV 73.6220, 67.7274, 70.4915 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(154, 6, 211) }
```


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

```
.border{ border-color:rgb(154, 6, 211) }
```

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

Here you see how a box with a 4 pixel rgb(154, 6, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 6, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 6, 211);  
box-shadow:4px 4px 4px 4px rgb(154, 6,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 73.6220, 67.7274, 70.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 6, 211) }
```

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

```
.background{ background-color: rgb(154, 6,  
211) }
```

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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