

Converting Colors

YUV(71.9020, 25.6843, 22.0109)

Have a look what the booklet for
YUV(71.9020, 25.6843, 22.0109)
contains.

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Color

**YUV(71.9020, 25.6843,
22.0109)**

Conversions

Conversions Part 1

Format	Color
Hex	61317C
RGB	97, 49, 124
RGB Percent	38%, 19%, 49%
CMY	0.6196, 0.8078, 0.5137
CMYK	0.22, 0.60, 0.00, 0.51
HSL	278°, 43%, 34%
HSV	278°, 60%, 49%
XYZ	9.6662, 6.1932, 19.7547
YIQ	71.9020, 4.5330, 33.5010

Conversions

Conversions Part 2

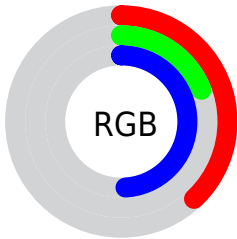
Format	Color
R_{YB}	97, 49, 124
Decimal	6369660
CIE _{Lab}	29.89, 35.56, -34.09
CIE _{LCh}	30, 49.266, 316.209
Yxy	6.1932, 0.2714, 0.1739
Android (android.graphics.Color)	4284559740 (0xFF61317C)
YUV	71.9020, 25.6843, 22.0109
Hunter-Lab	24.8862, 25.7810, -29.6441

Details

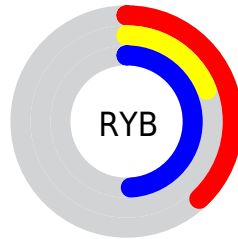
The YUV color **71.9020, 25.6843, 22.0109** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **101.0980, -25.6843, -22.0109**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.5540, 26.8419, 24.0701**, and **22.4890, 25.3949, 21.4961** is the 20% darker color. If you saturate the color by 10%, you get **63.6620, 29.7466, 25.7294**, and if you desaturate by 10%, it is **80.1420, 21.6220, 18.2925**.

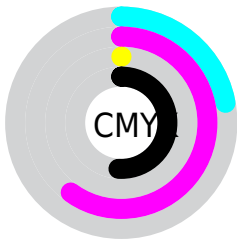
Distribution



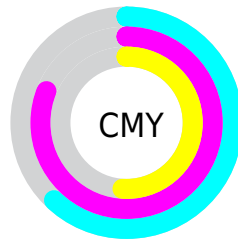
- Red (38%)
- Green (19%)
- Blue (49%)



- Red (38%)
- Yellow (19%)
- Blue (49%)



- Cyan (22%)
- Magenta (60%)
- Yellow (0%)
- Black (51%)



- Cyan (62%)
- Magenta (81%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9020, 25.6843, 22.0109 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 71.9020, 25.6843, 22.0109 by changing the saturation by 10% instead.

71.9020, 25.6843,
22.0109

71.9020, 25.6843,
22.0109

255.0000, 0.0000,
0.0000

47.4890, 25.3949,
21.4961

122.5540, 26.8419,
24.0701

22.4890, 25.3949,
21.4961

148.4940, 27.8575,
24.9998

14.5990, 18.4387,
12.6297

175.9070, 28.1468,
25.5146

4.4800, 12.0884,
-3.9290

202.9350, 25.6680,
27.2440

0.0000, 0.0000,
0.0000

225.0630, 14.7589,
26.2547

242.0860, 6.3666,

11.3256

■ 71.9020, 25.6843,
22.0109

■ 71.9020, 25.6843,
22.0109

■ 63.6620, 29.7466,
25.7294

■ 80.1420, 21.6220,
18.2925

■ 54.5360, 34.2458,
29.3479

■ 89.2680, 17.1229,
14.6740

■ 46.2960, 38.3081,
33.0664

■ 97.5080, 13.0606,
10.9555

■ 37.7570, 42.5178,
36.1701

■ 106.6340, 8.5614,
7.3370

■ 114.8740, 4.4991,
3.6185

■ 123.4130, 0.2894,
0.5148

■ 132.2400, -4.0623,
-3.7185

■ 140.7790, -8.2720,
-6.8222

■ 149.6060,
-12.6238, -11.0555

Harmonies

Analogous

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



57.3430, 43.2149, -47.6588



71.9020, 25.6843, 22.0109



64.6800, 12.4828, 56.4086

Triad

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



71.9020, 25.6843, 22.0109



66.5930, -32.8303, 30.1749



61.4430, 14.5716, -53.8855

Complementary

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



71.9020, 25.6843, 22.0109



101.0980, -25.6843, -22.0109

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.



56.2960, -2.6109, -49.3716



71.9020, 25.6843, 22.0109



64.3570, -31.7280, 3.1949

Square

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



71.9020, 25.6843, 22.0109



64.7990, -25.0439, 52.7963



52.9330, -22.1520, -35.0212



64.7320, 29.7121, -56.7700

Rectangle

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



71.9020, 25.6843, 22.0109



60.2870, 1.8305, 66.4003



52.9330, -22.1520, -35.0212



59.9610, 8.8932, -52.5858

Sweetspot

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



71.9020, 25.6843, 22.0109



140.6880, 10.0138, 8.1666



73.9860, 24.6569, -21.9127



69.3410, 6.2409, 4.9629



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



71.9020, 25.6843, 22.0109



78.8770, 40.4866, 34.3109



78.8350, 17.3363, 39.6097



56.8800, 2.0312, 1.8592



38.1700, 42.8072, 36.6849



77.1660, 86.1932, 74.3994

Inverse Universe

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



74.5030, 0.7380, 43.4089



83.1840, 1.3883, 68.2446



94.1650, -17.3363, -39.6097



57.0220, -0.0108, 3.4887



42.5050, 1.2300, 72.3481



85.7220, 2.6021, 145.8258

Previews

White Background



This preview shows how the YUV color 71.9020, 25.6843, 22.0109 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



This preview shows how the YUV color 71.9020, 25.6843, 22.0109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

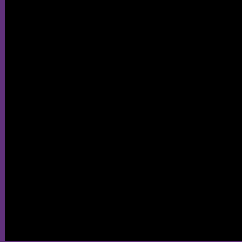
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9020, 25.6843, 22.0109

Background



This preview shows how black text looks on a background with the YUV color 71.9020, 25.6843, 22.0109.



This preview shows how white text looks on a background with the YUV color 71.9020, 25.6843,

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

71.9020, 25.6843, 22.0109

Protanopia

60.8170, 41.0092, -40.1815

Deuteranopia

67.0070, 26.1255, -26.3161



Tritanopia

71.7460, -1.3538, 14.2548

Trichromacy



Original Color

71.9020, 25.6843, 22.0109

Protanomaly

64.8800, 35.5552, -17.4348

Deuteranomaly

69.0030, 25.6345, -8.7726

Tritanomaly

71.9880, 8.3869, 16.6735

Monochromacy



Original Color

71.9020, 25.6843, 22.0109

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1610, 9.2876, 7.7518

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9020, 25.6843, 22.0109 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, 49, 124)` looks like.

```
.text, #text, p{  
    color:rgb(97, 49, 124)  
}
```

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, 49, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 49, 124) }
```

Border

The CSS property to change the border of an element to YUV 71.9020, 25.6843, 22.0109 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, 49, 124) }
```


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

```
.border{ border-color:rgb(97, 49, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 49, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 49, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 49, 124);  
box-shadow:4px 4px 4px 4px rgb(97, 49,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 71.9020, 25.6843, 22.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 49, 124) }
```

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

```
.background{ background-color: rgb(97, 49,  
124) }
```

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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