

Converting Colors

YUV(69.7880, 25.2475, 22.1109)

Have a look what the booklet for
YUV(69.7880, 25.2475, 22.1109)
contains.

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Color

**YUV(69.7880, 25.2475,
22.1109)**

Conversions

Conversions Part 1

Format	Color
Hex	5F2F79
RGB	95, 47, 121
RGB Percent	37%, 18%, 47%
CMY	0.6275, 0.8157, 0.5255
CMYK	0.21, 0.61, 0.00, 0.53
HSL	279°, 44%, 33%
HSV	279°, 61%, 47%
XYZ	9.1870, 5.8464, 18.7334
YIQ	69.7880, 4.8540, 33.1900

Conversions

Conversions Part 2

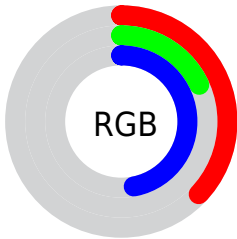
Format	Color
R_{YB}	95, 47, 121
Decimal	6238073
CIE _{Lab}	29.02, 35.41, -33.61
CIE _{LCh}	29, 48.820, 316.488
Yxy	5.8464, 0.2721, 0.1731
Android (android.graphics.Color)	4284428153 (0xFF5F2F79)
YUV	69.7880, 25.2475, 22.1109
Hunter-Lab	24.1793, 25.5078, -29.0106

Details

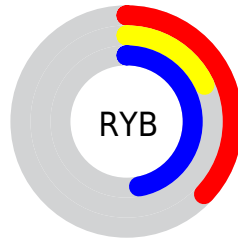
The YUV color **69.7880, 25.2475, 22.1109** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.2120, -25.2475, -22.1109**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4400, 26.4051, 24.1701**, and **21.6630, 24.8161, 20.4665** is the 20% darker color. If you saturate the color by 10%, you get **61.5480, 29.3098, 25.8294**, and if you desaturate by 10%, it is **78.0280, 21.1852, 18.3924**.

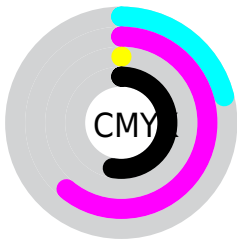
Distribution



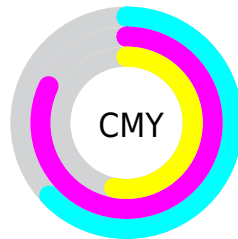
- Red (37%)
- Green (18%)
- Blue (47%)



- Red (37%)
- Yellow (18%)
- Blue (47%)



- Cyan (21%)
- Magenta (61%)
- Yellow (0%)
- Black (53%)



- Cyan (63%)
- Magenta (82%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.7880, 25.2475, 22.1109 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 69.7880, 25.2475, 22.1109 by changing the saturation by 10% instead.

■ 69.7880, 25.2475,
22.1109

■ 69.7880, 25.2475,
22.1109

■ 255.0000, 0.0000,
0.0000

■ 45.3750, 24.9581,
21.5961

■ 120.4400, 26.4051,
24.1701

■ 21.6630, 24.8161,
20.4665

■ 146.2660, 26.9839,
25.1997

■ 13.3600, 17.5705,
11.0853

■ 173.2060, 27.9994,
26.1293

■ 3.6650, 11.5042,
-3.2142

■ 200.5760, 26.8310,
27.5588

■ 0.0000, 0.0000,
0.0000

■ 223.8890, 15.3377,
27.2843

■ 240.3250, 7.2348,

12.8700

■ 69.7880, 25.2475,
22.1109

■ 69.7880, 25.2475,
22.1109

■ 61.5480, 29.3098,
25.8294

■ 78.0280, 21.1852,
18.3924

■ 53.0090, 33.5196,
28.9331

■ 86.5670, 16.9755,
15.2887

■ 44.7690, 37.5819,
32.6516

■ 94.8070, 12.9131,
11.5703

■ 37.1160, 41.3548,
35.8553

■ 103.0470, 8.8508,
7.8518

■ 111.2870, 4.7885,
4.1333

■ 120.4130, 0.2894,
0.5148

■ 128.6530, -3.7729,
-3.2037

■ 136.8930, -7.8352,
-6.9222

■ 145.1330,
-11.8976, -10.6406

Harmonies

Analogous

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



55.8270, 42.4833, -46.3293



69.7880, 25.2475, 22.1109



62.2670, 12.1934, 55.8938

Triad

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



69.7880, 25.2475, 22.1109



64.5220, -31.8093, 29.3602



60.0410, 14.2768, -52.6560

Complementary

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



69.7880, 25.2475, 22.1109



98.2120, -25.2475, -22.1109

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.



54.8940, -2.9057, -48.1420



69.7880, 25.2475, 22.1109



62.2860, -30.7070, 2.3802

Square

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



69.7880, 25.2475, 22.1109



62.6140, -24.4597, 52.0815



50.4490, -21.4204, -36.3508



62.7430, 29.7067, -55.0256

Rectangle

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



69.7880, 25.2475, 22.1109



57.9880, 1.9779, 65.7855



50.4490, -21.4204, -36.3508



58.5590, 8.5984, -51.3562

Sweetspot

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



69.7880, 25.2475, 22.1109



138.5740, 9.5770, 8.2666



71.2850, 24.5095, -21.2979



67.2270, 5.8041, 5.0629



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



69.7880, 25.2475, 22.1109



78.5350, 39.1762, 34.6108



76.4220, 17.0470, 39.0949



56.8800, 2.0312, 1.8592



38.4690, 42.6598, 37.2997



77.7640, 85.8983, 75.6290

Inverse Universe

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



72.0900, 0.4486, 42.8941



81.9450, 0.5201, 66.7002



91.5780, -17.0470, -39.0949



57.0220, -0.0108, 3.4887



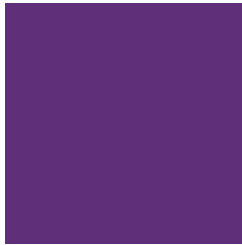
42.3910, 0.7932, 72.4481



85.4940, 1.7285, 146.0258

Previews

White Background



This preview shows how the YUV color 69.7880, 25.2475, 22.1109 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 69.7880, 25.2475, 22.1109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

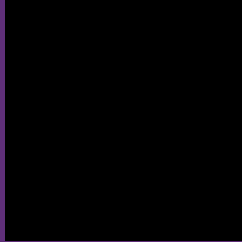
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.7880, 25.2475, 22.1109

Background



This preview shows how black text looks on a background with the YUV color 69.7880, 25.2475, 22.1109.



This preview shows how white text looks on a background with the YUV color 69.7880, 25.2475,

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

69.7880, 25.2475, 22.1109

Protanopia

57.5070, 41.1620, -42.5406

Deuteranopia

64.8930, 25.6888, -26.2162



Tritanopia

69.7460, -1.3538, 14.2548

Trichromacy



Original Color

69.7880, 25.2475, 22.1109

Protanomaly

61.8690, 35.5606, -19.1791

Deuteranomaly

66.8890, 25.1977, -8.6727

Tritanomaly

69.9880, 8.3869, 16.6735

Monochromacy



Original Color

69.7880, 25.2475, 22.1109

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1610, 9.2876, 7.7518

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.7880, 25.2475, 22.1109 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(95, 47, 121)` looks like.

```
.text, #text, p{  
    color:rgb(95, 47, 121)  
}
```

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(95, 47, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 47, 121) }
```

Border

The CSS property to change the border of an element to YUV 69.7880, 25.2475, 22.1109 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(95, 47, 121) }
```


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

```
.border{ border-color:rgb(95, 47, 121) }
```

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

Here you see how a box with a 4 pixel rgb(95, 47, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 47, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 47, 121);  
box-shadow:4px 4px 4px 4px rgb(95, 47,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 69.7880, 25.2475, 22.1109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 47, 121) }
```

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

```
.background{ background-color: rgb(95, 47,  
121) }
```

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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