

Converting Colors

YUV(72.2820, 39.7940, 69.9127)

Have a look what the booklet for
YUV(72.2820, 39.7940, 69.9127)
contains.

| | |
|--|----|
| YUV(72.2820, 39.7940, 69.9127) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 30 |

Color

**YUV(72.2820, 39.7940,
69.9127)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 981099 |
| RGB | 152, 16, 153 |
| RGB Percent | 60%, 6%, 60% |
| CMY | 0.4039, 0.9373, 0.4000 |
| CMYK | 0.01, 0.90, 0.00, 0.40 |
| HSL | 300°, 81%, 33% |
| HSV | 300°, 90%, 60% |
| XYZ | 18.8840, 9.3459, 30.9456 |
| YIQ | 72.2820, 37.0790, 71.4390 |

Conversions

Conversions Part 2

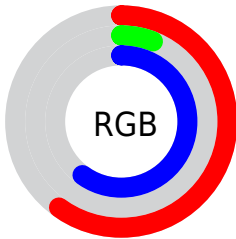
| Format | Color |
|-------------------------------------|--|
| RYB | 152, 16, 153 |
| Decimal | 9965721 |
| CIELab | 36.64, 64.85, -40.73 |
| CIElCh | 37, 76.584, 327.867 |
| Yxy | 9.3459, 0.3191, 0.1579 |
| Android (android.graphics.Color) | 4288155801 (0xFF981099) |
| YUV | 72.2820, 39.7940, 69.9127 |
| Hunter-Lab | 30.5710, 56.7614, -38.6167 |

Details

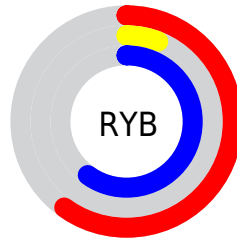
The YUV color **72.2820, 39.7940, 69.9127** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **96.7180, -39.7940, -69.9127**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.8100, 35.5897, 65.0646**, and **40.2180, 29.9655, 48.9208** is the 20% darker color. If you saturate the color by 10%, you get **63.4770, 44.1348, 77.6347**, and if you desaturate by 10%, it is **81.0870, 35.4531, 62.1907**.

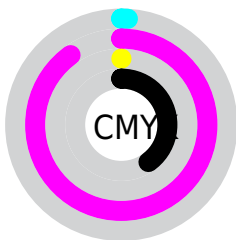
Distribution



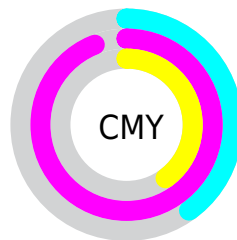
- Red (60%)
- Green (6%)
- Blue (60%)



- Red (60%)
- Yellow (6%)
- Blue (60%)



- Cyan (1%)
- Magenta (90%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (94%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2820, 39.7940, 69.9127 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 72.2820, 39.7940, 69.9127 by changing the saturation by 10% instead.

72.2820, 39.7940,
69.9127

72.2820, 39.7940,
69.9127

255.0000, 0.0000,
0.0000

51.5540, 37.1949,
63.5351

135.8100, 35.5897,
65.0646

40.2180, 29.9655,
48.9208

164.1090, 35.4423,
65.6794

29.4090, 23.4624,
34.7213

187.4950, 33.2800,
59.2019

19.1980, 16.6644,
21.7514

204.5180, 24.8876,
44.2727

3.5340, 13.5407,
-3.0993

221.5410, 16.4953,
29.3435

0.1140, 0.4368,
-0.1000

238.5640, 8.1029,

0.0000, 0.0000,

14.4144

0.0000

■ 72.2820, 39.7940,
69.9127

■ 72.2820, 39.7940,
69.9127

■ 63.4770, 44.1348,
77.6347

■ 81.0870, 35.4531,
62.1907

■ 62.8900, 44.4242,
78.1495

■ 90.4790, 30.8229,
53.9539

■ 99.2840, 26.4820,
46.2319

■ 108.0890, 22.1411,
38.5099

■ 117.1930, 17.6529,
31.4027

■ 126.5850, 13.0226,
23.1660

■ 135.3900, 8.6817,
15.4440

■ 144.1950, 4.3409,
7.7220

■ 153.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



79.9710, 57.6953, -25.4076



72.2820, 39.7940, 69.9127



66.3300, 13.6413, 104.9506

Triad

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



72.2820, 39.7940, 69.9127



81.6110, -40.2342, 24.8972



80.8720, 30.6291, -70.9247

Complementary

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



72.2820, 39.7940, 69.9127



96.7180, -39.7940, -69.9127

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.



73.1030, 3.4002, -64.1113



72.2820, 39.7940, 69.9127



72.1660, -35.5778, -22.0706

Square

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



72.2820, 39.7940, 69.9127



76.8690, -37.8964, 68.5209



62.4500, -29.8018, -54.7686



85.2840, 52.6110, -74.7941

Rectangle

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



72.2820, 39.7940, 69.9127



61.9550, -4.4148, 109.6645



62.4500, -29.8018, -54.7686



78.5920, 21.8931, -68.9252

Sweetspot

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



72.2820, 39.7940, 69.9127



167.3020, 15.6271, 27.7991



32.7920, 59.2625, -14.7266



80.8030, 8.9711, 15.9588



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



72.2820, 39.7940, 69.9127



81.5890, 57.8836, 101.2154



65.0570, 10.8179, 77.1260



72.0050, 2.4625, 3.5036



57.5210, 40.6621, 71.4571



5.3690, 3.7621, 6.6924

Inverse Universe

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



57.0770, -19.7580, 84.1245



59.6150, -28.8972, 122.2406



103.9430, -10.8179, -77.1260



71.3920, -1.1793, 4.9182



41.9740, -20.2002, 85.9688



3.8870, -1.9163, 7.9921

Previews

White Background



This preview shows how the YUV color 72.2820, 39.7940, 69.9127 looks on a white background.

Color Contrast Check

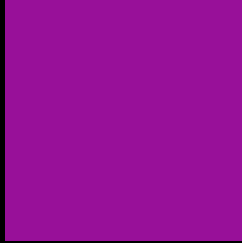
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.2820, 39.7940, 69.9127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

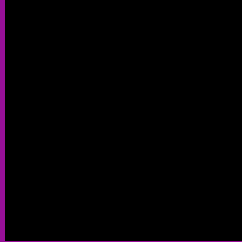
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.2820, 39.7940, 69.9127

Background



This preview shows how black text looks on a background with the YUV color 72.2820, 39.7940, 69.9127.



This preview shows how white text looks on a background with the YUV color 72.2820, 39.7940,

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

72.2820, 39.7940, 69.9127

Deuteranopia

83.9190, 29.6199, -27.1160

Tritanopia

85.6750, -10.1928, 49.3970

Trichromacy



Original Color

72.2820, 39.7940, 69.9127

Deuteranomaly

79.7630, 33.1478, 8.1008

Tritanomaly

81.1270, 7.8254, 56.8936

Monochromacy



Original Color

72.2820, 39.7940, 69.9127

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2370, 14.1802, 25.2252

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2820, 39.7940, 69.9127 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(152, 16, 153)` looks like.

```
.text, #text, p{  
    color:rgb(152, 16, 153)  
}
```

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(152, 16, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 16, 153) }
```

Border

The CSS property to change the border of an element to YUV 72.2820, 39.7940, 69.9127 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(152, 16, 153) }
```

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

```
.border{ border-color:rgb(152, 16, 153) }
```

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

Here you see how a box with a 4 pixel rgb(152, 16, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 16, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 16, 153);  
box-shadow:4px 4px 4px 4px rgb(152, 16,  
153) }
```


Background

The CSS property to change the background color of an element to YUV 72.2820, 39.7940, 69.9127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 16, 153) }
```

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

```
.background{ background-color: rgb(152, 16,  
153) }
```

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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