

Converting Colors

YUV(72.7390, 29.7087, 37.9399)

Have a look what the booklet for
YUV(72.7390, 29.7087, 37.9399)
contains.

YUV(72.7390, 29.7087, 37.9399)	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>	31

Color

**YUV(72.7390, 29.7087,
37.9399)**

Conversions

Conversions Part 1

Format	Color
Hex	742785
RGB	116, 39, 133
RGB Percent	45%, 15%, 52%
CMY	0.5451, 0.8471, 0.4784
CMYK	0.13, 0.71, 0.00, 0.48
HSL	289°, 55%, 34%
HSV	289°, 71%, 52%
XYZ	12.1616, 6.8575, 22.8729
YIQ	72.7390, 15.7180, 45.5580

Conversions

Conversions Part 2

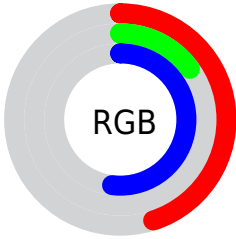
Format	Color
R_{YB}	116, 39, 133
Decimal	7612293
CIE _{Lab}	31.48, 47.30, -37.03
CIE _{LCh}	31, 60.068, 321.943
Yxy	6.8575, 0.2903, 0.1637
Android (android.graphics.Color)	4285802373 (0xFF742785)
YUV	72.7390, 29.7087, 37.9399
Hunter-Lab	26.1868, 37.0716, -33.4562

Details

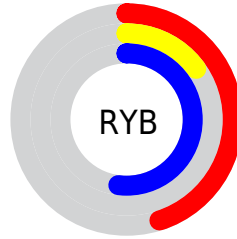
The YUV color **72.7390, 29.7087, 37.9399** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **99.2610, -29.7087, -37.9399**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8640, 30.1400, 39.5843**, and **28.5980, 26.8202, 31.0476** is the 20% darker color. If you saturate the color by 10%, you get **64.5100, 33.7656, 43.4027**, and if you desaturate by 10%, it is **80.9680, 25.6518, 32.4771**.

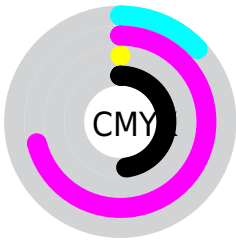
Distribution



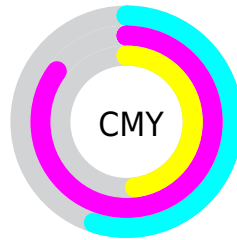
- Red (45%)
- Green (15%)
- Blue (52%)



- Red (45%)
- Yellow (15%)
- Blue (52%)



- Cyan (13%)
- Magenta (71%)
- Yellow (0%)
- Black (48%)



- Cyan (55%)
- Magenta (85%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.7390, 29.7087, 37.9399 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 72.7390, 29.7087, 37.9399 by changing the saturation by 10% instead.

72.7390, 29.7087,
37.9399

72.7390, 29.7087,
37.9399

255.0000, 0.0000,
0.0000

43.2170, 31.4450,
41.0287

125.8640, 30.1400,
39.5843

28.5980, 26.8202,
31.0476

152.6900, 30.7188,
40.6139

18.9850, 19.7274,
19.3072

180.4020, 30.8608,
41.7434

4.1040, 15.7247,
-3.5992

205.6920, 24.3088,
43.2431

1.3680, 5.2416,
-1.1997

222.1280, 16.2059,
28.8287

0.0000, 0.0000,
0.0000

239.1510, 7.8136,

13.8996

■ 72.7390, 29.7087,
37.9399

■ 72.7390, 29.7087,
37.9399

■ 64.5100, 33.7656,
43.4027

■ 80.9680, 25.6518,
32.4771

■ 55.3950, 38.2593,
48.7656

■ 90.0830, 21.1581,
27.1142

■ 47.7530, 42.0268,
53.7136

■ 98.3120, 17.1012,
21.6514

■ 106.8400, 12.8969,
16.8033

■ 115.6560, 8.5506,
10.8257

■ 123.8850, 4.4937,
5.3629

■ 132.4130, 0.2894,
0.5148

■ 140.6420, -3.7675,
-4.9480

■ 149.7570, -8.2612,
-10.3109

Harmonies

Analogous

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



64.1790, 48.7188, -39.6220



72.7390, 29.7087, 37.9399



54.6970, 16.9114, 82.7037

Triad

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



72.7390, 29.7087, 37.9399



70.4140, -34.7141, 27.7009



67.4900, 19.9714, -59.1887

Complementary

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



72.7390, 29.7087, 37.9399



99.2610, -29.7087, -37.9399

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.



61.3170, -1.1423, -53.7750



72.7390, 29.7087, 37.9399



65.7750, -32.4271, -5.9417

Square

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



72.7390, 29.7087, 37.9399



65.8940, -32.4857, 59.7290



52.4710, -24.8822, -46.0171



70.8760, 38.0221, -62.1583

Rectangle

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



72.7390, 29.7087, 37.9399



52.6580, 2.6336, 88.8769



52.4710, -24.8822, -46.0171



65.0790, 13.2721, -57.0743

Sweetspot

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



72.7390, 29.7087, 37.9399



150.0740, 11.3025, 14.8441



59.6950, 36.1394, -18.1495



72.8900, 6.9562, 8.8665



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



72.7390, 29.7087, 37.9399



78.9370, 46.3731, 59.6913



74.4020, 14.0988, 51.3904



62.1790, 1.8838, 2.4740



46.8130, 41.0112, 52.7840



0.9400, 1.0156, 0.9296

Inverse Universe

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



69.0440, -6.4307, 56.0894



73.0310, -9.8753, 87.6728



97.5980, -14.0988, -51.3904



61.9080, -0.4476, 3.5887



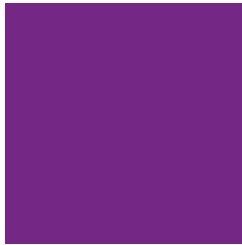
41.6060, -8.6798, 77.5215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 72.7390, 29.7087, 37.9399 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 72.7390, 29.7087, 37.9399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

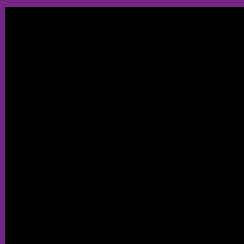
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.7390, 29.7087, 37.9399

Background



This preview shows how black text looks on a background with the YUV color 72.7390, 29.7087, 37.9399.



This preview shows how white text looks on a background with the YUV color 72.7390, 29.7087,

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

72.7390, 29.7087, 37.9399

Protanopia

59.8200, 46.4307, -52.4621

Deuteranopia

70.7510, 27.7308, -27.8456



Tritanopia

75.9110, -4.8861, 27.2651

Trichromacy



Original Color

72.7390, 29.7087, 37.9399

Protanomaly

64.4220, 40.2180, -19.6641

Deuteranomaly

71.7200, 28.2390, -4.1394

Tritanomaly

74.8480, 7.4699, 30.8283

Monochromacy



Original Color

72.7390, 29.7087, 37.9399

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.2480, 10.7237, 13.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7390, 29.7087, 37.9399 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(116, 39, 133)` looks like.

```
.text, #text, p{  
    color:rgb(116, 39, 133)  
}
```

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(116, 39, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 39, 133) }
```

Border

The CSS property to change the border of an element to YUV 72.7390, 29.7087, 37.9399 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(116, 39, 133) }
```


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

```
.border{ border-color:rgb(116, 39, 133) }
```

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

Here you see how a box with a 4 pixel rgb(116, 39, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 39, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 39, 133);  
box-shadow:4px 4px 4px 4px rgb(116, 39,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 72.7390, 29.7087, 37.9399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 39, 133) }
```

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

```
.background{ background-color: rgb(116, 39,  
133) }
```

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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