

Converting Colors

YUV(71.9720, 26.1428, 14.9336)

Have a look what the booklet for
YUV(71.9720, 26.1428, 14.9336)
contains.

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Color

**YUV(71.9720, 26.1428,
14.9336)**

Conversions

Conversions Part 1

Format	Color
Hex	59357D
RGB	89, 53, 125
RGB Percent	35%, 21%, 49%
CMY	0.6510, 0.7922, 0.5098
CMYK	0.29, 0.58, 0.00, 0.51
HSL	270°, 40%, 35%
HSV	270°, 58%, 49%
XYZ	9.0946, 6.1507, 20.1099
YIQ	71.9720, -1.6560, 30.0240

Conversions

Conversions Part 2

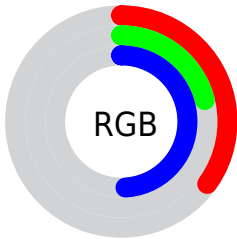
Format	Color
RYB	89, 53, 125
Decimal	5846397
CIELab	29.79, 31.32, -34.95
CIELCh	30, 46.932, 311.868
Yxy	6.1507, 0.2572, 0.1740
Android (android.graphics.Color)	4284036477 (0xFF59357D)
YUV	71.9720, 26.1428, 14.9336
Hunter-Lab	24.8006, 22.0563, -30.7156

Details

The YUV color **71.9720, 26.1428, 14.9336** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **106.0280, -26.1428, -14.9336**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.7380, 27.7372, 16.8928**, and **24.3200, 24.9852, 12.8744** is the 20% darker color. If you saturate the color by 10%, you get **62.5470, 30.7893, 17.9373**, and if you desaturate by 10%, it is **80.8100, 21.7857, 12.4446**.

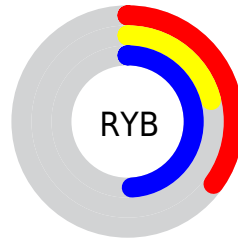
Distribution



Red (35%)

Green (21%)

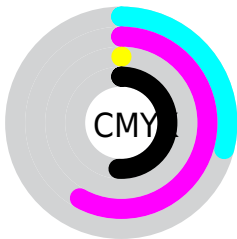
Blue (49%)



Red (35%)

Yellow (21%)

Blue (49%)

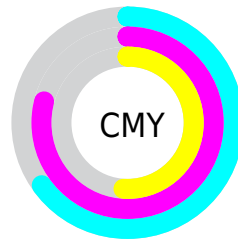


Cyan (29%)

Magenta (58%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (79%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9720, 26.1428, 14.9336 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 71.9720, 26.1428, 14.9336 by changing the saturation by 10% instead.

71.9720, 26.1428,
14.9336

71.9720, 26.1428,
14.9336

255.0000, 0.0000,
0.0000

48.1460, 25.5640,
13.9040

121.7380, 27.7372,
16.8928

24.3200, 24.9852,
12.8744

148.2650, 28.4634,
17.3076

12.3210, 20.0547,
7.6115

175.0910, 29.0421,
18.3372

4.5940, 12.5252,
-4.0289

202.0050, 26.1265,
20.1666

0.0000, 0.0000,
0.0000

227.1120, 13.7488,
23.5808

243.8470, 5.4984,

9.7812

■ 71.9720, 26.1428,
14.9336

■ 71.9720, 26.1428,
14.9336

■ 62.5470, 30.7893,
17.9373

■ 80.8100, 21.7857,
12.4446

■ 53.4100, 35.2939,
19.8114

■ 90.5340, 16.9917,
10.0557

■ 43.9850, 39.9404,
22.8152

■ 99.3720, 12.6346,
7.5668

■ 35.1470, 44.2975,
25.3041

■ 108.7970, 7.9881,
4.5630

■ 33.0870, 45.3131,
26.2337

■ 117.6350, 3.6309,
2.0741

■ 127.0600, -1.0156,
-0.9296

■ 136.1970, -5.5201,
-2.8038

■ 145.6220,
-10.1666, -5.8075

■ 154.4600,
-14.5238, -8.2964

Harmonies

Analogous

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



57.2780, 41.7679, -50.2328



71.9720, 26.1428, 14.9336



67.4510, 13.0887, 48.7165

Triad

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



71.9720, 26.1428, 14.9336



66.3160, -32.6938, 33.0489



60.0580, 11.8034, -52.6709

Complementary

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



71.9720, 26.1428, 14.9336



106.0280, -26.1428, -14.9336

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.



55.1390, -4.5055, -48.3569



71.9720, 26.1428, 14.9336



64.6780, -31.8863, 7.2984

Square

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



71.9720, 26.1428, 14.9336



64.9500, -20.6814, 53.5408



56.7880, -25.5315, -24.3701



63.3470, 26.9439, -55.5553

Rectangle

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



71.9720, 26.1428, 14.9336



63.0090, 3.4466, 61.3821



56.7880, -25.5315, -24.3701



58.5760, 6.1250, -51.3712

Sweetspot

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



71.9720, 26.1428, 14.9336



142.3780, 10.1666, 5.8075



82.3400, 21.0314, -25.7312



69.3300, 6.2463, 3.2186



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.



71.9720, 26.1428, 14.9336



80.5120, 40.6666, 23.2300



82.7360, 20.8362, 37.0655



58.9940, 2.4680, 1.7593



33.7280, 46.4761, 26.5485



0.0000, 0.0000, 0.0000

Inverse Universe

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



78.6320, 5.1114, 40.6647



90.8720, 7.9511, 63.2563



95.2640, -20.8362, -37.0655



59.5490, 0.7153, 3.9035



45.5680, 9.0870, 72.2929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 71.9720, 26.1428, 14.9336 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 71.9720, 26.1428, 14.9336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

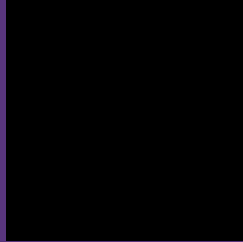
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9720, 26.1428, 14.9336

Background



This preview shows how black text looks on a background with the YUV color 71.9720, 26.1428, 14.9336.



This preview shows how white text looks on a background with the YUV color 71.9720, 26.1428,

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

71.9720, 26.1428, 14.9336

Protanopia

62.8670, 38.5196, -34.9634

Deuteranopia

65.0390, 27.5888, -28.9752



Tritanopia

71.1580, 0.4151, 6.8774

Trichromacy



Original Color

71.9720, 26.1428, 14.9336

Protanomaly

66.4240, 33.8080, -17.0348

Deuteranomaly

67.3230, 26.9558, -12.5613

Tritanomaly

71.5850, 9.5716, 10.0110

Monochromacy



Original Color

71.9720, 26.1428, 14.9336

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8510, 9.4405, 5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9720, 26.1428, 14.9336 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(89, 53, 125)` looks like.

```
.text, #text, p{  
    color:rgb(89, 53, 125)  
}
```

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(89, 53, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 53, 125) }
```

Border

The CSS property to change the border of an element to YUV 71.9720, 26.1428, 14.9336 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(89, 53, 125) }
```


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

```
.border{ border-color:rgb(89, 53, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 53, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 53, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 53, 125);  
box-shadow:4px 4px 4px 4px rgb(89, 53,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 71.9720, 26.1428, 14.9336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 53, 125) }
```

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

```
.background{ background-color: rgb(89, 53,  
125) }
```

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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