

Converting Colors

YUV(73.2140, 12.2195, 0.6893)

Have a look what the booklet for
YUV(73.2140, 12.2195, 0.6893)
contains.

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Color

**YUV(73.2140, 12.2195,
0.6893)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4462
RGB	74, 68, 98
RGB Percent	29%, 27%, 38%
CMY	0.7098, 0.7333, 0.6157
CMYK	0.24, 0.31, 0.00, 0.62
HSL	252°, 18%, 33%
HSV	252°, 31%, 38%
XYZ	7.0958, 6.4719, 12.4305
YIQ	73.2140, -6.0540, 10.6020

Conversions

Conversions Part 2

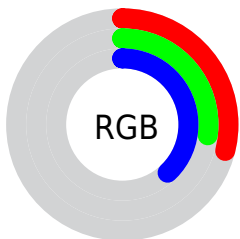
Format	Color
R_{YB}	74, 68, 98
Decimal	4867170
CIE Lab	30.57, 9.79, -16.72
CIE LCh	31, 19.378, 300.340
Yxy	6.4719, 0.2729, 0.2489
Android (android.graphics.Color)	4283057250 (0xFF4A4462)
YUV	73.2140, 12.2195, 0.6893
Hunter-Lab	25.4400, 5.2675, -11.1623

Details

The YUV color **73.2140, 12.2195, 0.6893** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **92.7860, -12.2195, -0.6893**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8550, 13.3825, 1.0042**, and **29.1600, 10.7671, -0.1403** is the 20% darker color. If you saturate the color by 10%, you get **64.9520, 16.2927, 0.9191**, and if you desaturate by 10%, it is **81.4760, 8.1463, 0.4595**.

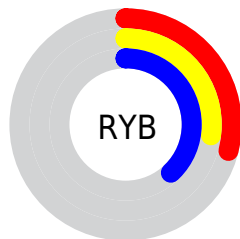
Distribution



Red (29%)

Green (27%)

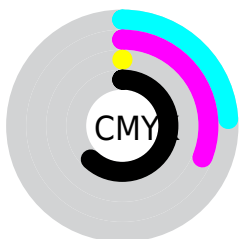
Blue (38%)



Red (29%)

Yellow (27%)

Blue (38%)

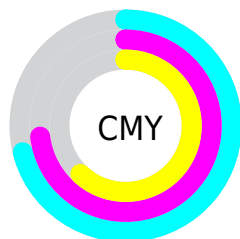


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (62%)



Cyan (71%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2140, 12.2195, 0.6893 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 73.2140, 12.2195, 0.6893 by changing the saturation by 10% instead.

■ 73.2140, 12.2195,
0.6893

■ 73.2140, 12.2195,
0.6893

■ 255.0000, 0.0000,
0.0000

■ 50.6870, 11.4933,
0.2745

■ 121.8550, 13.3825,
1.0042

■ 29.1600, 10.7671,
-0.1403

■ 147.8550, 13.3825,
1.0042

■ 5.9260, 12.3615,
1.8189

■ 174.3820, 14.1087,
1.4190

■ 0.1140, 0.4368,
-0.1000

■ 201.7950, 14.3981,
1.9338

■ 0.0000, 0.0000,
0.0000

■ 229.3390, 12.6509,
2.3337

■ 253.2390, 0.8682,

1.5444

■ 73.2140, 12.2195,
0.6893

■ 73.2140, 12.2195,
0.6893

■ 64.9520, 16.2927,
0.9191

■ 81.4760, 8.1463,
0.4595

■ 56.6900, 20.3658,
1.1489

■ 89.7380, 4.0732,
0.2298

■ 49.0150, 24.1496,
0.8638

■ 97.4130, 0.2894,
0.5148

■ 41.0520, 28.0754,
1.7084

■ 105.3760, -3.6364,
-0.3298

■ 32.7900, 32.1485,
1.9382

■ 113.6380, -7.7095,
-0.5595

■ 24.5280, 36.2217,
2.1679

■ 121.9000,
-11.7827, -0.7893

■ 17.1520, 39.8581,
2.4977

■ 130.1620,
-15.8559, -1.0191

■ 137.8370,
-19.6396, -0.7340

■ 146.0990,
-23.7128, -0.9638

Harmonies

Analogous

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



69.7280, 15.9101, -16.4245



73.2140, 12.2195, 0.6893



74.1080, 6.3558, 14.8143

Triad

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



73.2140, 12.2195, 0.6893



72.0920, -12.8634, 19.2133



63.8390, 4.0234, -30.5538

Complementary

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



73.2140, 12.2195, 0.6893



92.7860, -12.2195, -0.6893

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.



67.2230, -5.0399, -16.8586



73.2140, 12.2195, 0.6893



70.9830, -14.2886, 9.6619

Square

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



73.2140, 12.2195, 0.6893



73.0910, -7.9329, 24.4762



69.4760, -12.0667, -3.0485



61.0640, 12.7864, -41.2751

Rectangle

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



73.2140, 12.2195, 0.6893



74.0010, 1.9715, 21.0471



69.4760, -12.0667, -3.0485



64.9490, 0.5181, -26.2653

Sweetspot

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



73.2140, 12.2195, 0.6893



117.9660, 4.9468, 0.0298



85.5080, 6.1586, -15.3545



58.0970, 2.9102, -0.0851



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



73.2140, 12.2195, 0.6893



88.4620, 19.4922, 1.3488



77.6990, 10.0084, 9.9110



44.7550, 1.5998, 0.2149



19.3460, 45.6784, 2.3276



41.7120, 97.7560, 5.5146

Inverse Universe

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



79.7060, 6.0609, 16.0438



98.6840, 9.5228, 25.7101



88.3010, -10.0084, -9.9110



45.5380, 0.7208, 2.1592



43.7480, 22.8022, 59.8570



93.6480, 48.4875, 128.3507

Previews

White Background



This preview shows how the YUV color 73.2140, 12.2195, 0.6893 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 73.2140, 12.2195, 0.6893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

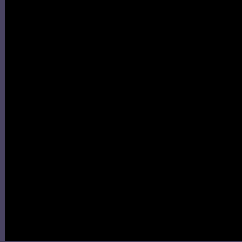
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.2140, 12.2195, 0.6893

Background



This preview shows how black text looks on a background with the YUV color 73.2140, 12.2195, 0.6893.



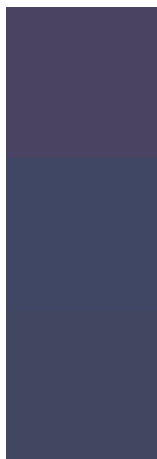
This preview shows how white text looks on a background with the YUV color 73.2140, 12.2195,

0.6893.

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

73.2140, 12.2195, 0.6893

Protanopia

71.9140, 13.8464, -7.8176

Deuteranopia

72.1700, 12.2412, -6.2881



Tritanopia

72.0860, 2.9156, -1.8294

Trichromacy



Original Color

73.2140, 12.2195, 0.6893

Protanomaly

72.4090, 13.1094, -4.7437

Deuteranomaly

72.4800, 12.0884, -3.9290

Tritanomaly

72.5960, 6.1152, -1.3997

Monochromacy



Original Color

73.2140, 12.2195, 0.6893

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.8520, 4.5100, 0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2140, 12.2195, 0.6893 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(74, 68, 98)` looks like.

```
.text, #text, p{  
    color:rgb(74, 68, 98)  
}
```

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(74, 68, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 68, 98) }
```

Border

The CSS property to change the border of an element to YUV 73.2140, 12.2195, 0.6893 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(74, 68, 98) }
```


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

```
.border{ border-color:rgb(74, 68, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 68, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 68, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 68, 98);  
box-shadow:4px 4px 4px 4px rgb(74, 68, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.2140, 12.2195, 0.6893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 68, 98) }
```

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

```
.background{ background-color: rgb(74, 68,  
98) }
```

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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