

Converting Colors

YUV(69.0180, 12.8091, -1.7698)

Have a look what the booklet for
YUV(69.0180, 12.8091, -1.7698)
contains.

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Color

**YUV(69.0180, 12.8091,
-1.7698)**

Conversions

Conversions Part 1

Format	Color
Hex	43415F
RGB	67, 65, 95
RGB Percent	26%, 25%, 37%
CMY	0.7373, 0.7451, 0.6275
CMYK	0.29, 0.32, 0.00, 0.63
HSL	244°, 19%, 31%
HSV	244°, 32%, 37%
XYZ	6.2706, 5.8001, 11.6155
YIQ	69.0180, -8.4380, 9.7540

Conversions

Conversions Part 2

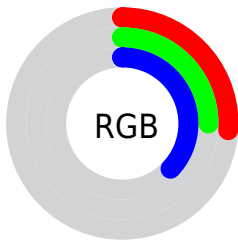
Format	Color
RYB	67, 65, 95
Decimal	4407647
CIELab	28.90, 8.49, -17.44
CIElCh	29, 19.393, 295.963
Yxy	5.8001, 0.2647, 0.2449
Android (android.graphics.Color)	4282597727 (0xFF43415F)
YUV	69.0180, 12.8091, -1.7698
Hunter-Lab	24.0834, 4.3300, -11.7374

Details

The YUV color **69.0180, 12.8091, -1.7698** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **90.9820, -12.8091, 1.7698**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.6590, 13.9721, -1.4549**, and **25.6650, 11.5042, -3.2142** is the 20% darker color. If you saturate the color by 10%, you get **61.0440, 16.7403, -2.6696**, and if you desaturate by 10%, it is **77.5790, 8.5886, -1.3848**.

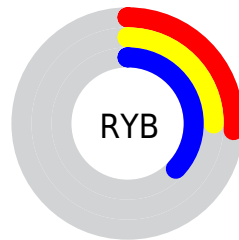
Distribution



Red (26%)

Green (25%)

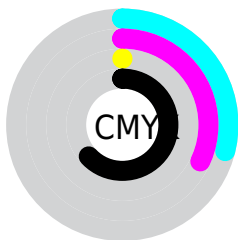
Blue (37%)



Red (26%)

Yellow (25%)

Blue (37%)

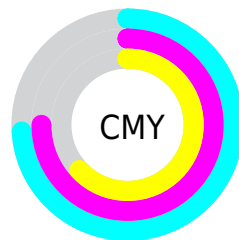


Cyan (29%)

Magenta (32%)

Yellow (0%)

Black (63%)



Cyan (74%)

Magenta (75%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.0180, 12.8091, -1.7698 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 69.0180, 12.8091, -1.7698 by changing the saturation by 10% instead.

■ 69.0180, 12.8091,
-1.7698

■ 69.0180, 12.8091,
-1.7698

■ 255.0000, 0.0000,
0.0000

■ 46.4910, 12.0829,
-2.1846

■ 117.6590, 13.9721,
-1.4549

■ 25.6650, 11.5042,
-3.2142

■ 143.0720, 14.2615,
-0.9401

■ 3.1920, 12.2303,
-2.7994

■ 169.3000, 15.1351,
-1.1401

■ 0.0000, 0.0000,
0.0000

■ 197.3000, 15.1351,
-1.1401

■ 224.5990, 14.9877,
-0.5253

■ 249.9940, 2.4680,

1.7593

■ 69.0180, 12.8091,
-1.7698

■ 69.0180, 12.8091,
-1.7698

■ 61.0440, 16.7403,
-2.6696

■ 77.5790, 8.5886,
-1.3848

■ 52.4830, 20.9609,
-3.0546

■ 85.5530, 4.6574,
-0.4850

■ 44.5090, 24.8921,
-3.9544

■ 94.1140, 0.4368,
-0.1000

■ 36.2470, 28.9652,
-3.7246

■ 101.7890, -3.3470,
0.1850

■ 28.2730, 32.8964,
-4.6244

■ 110.3500, -7.5676,
0.5700

■ 19.7120, 37.1170,
-5.0094

■ 118.3240,
-11.4987, 1.4699

■ 12.6240, 40.6114,
-5.8092

■ 126.8850,
-15.7193, 1.8549

■ 134.8590,
-19.6505, 2.7547

■ 142.8330,
-23.5817, 3.6545

Harmonies

Analogous

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



65.1190, 16.2103, -19.3984



69.0180, 12.8091, -1.7698



70.3250, 7.2348, 12.8700

Triad

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



69.0180, 12.8091, -1.7698



68.0320, -11.8478, 20.1429



60.2090, 2.8550, -29.1243

Complementary

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



69.0180, 12.8091, -1.7698



90.9820, -12.8091, 1.7698

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.



63.3050, -6.0664, -14.2995



69.0180, 12.8091, -1.7698



67.5810, -14.5834, 10.8915

Square

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



69.0180, 12.8091, -1.7698



68.8460, -6.3331, 24.6911



65.7860, -12.2195, -0.6893



56.2380, 12.2077, -42.3047

Rectangle

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



69.0180, 12.8091, -1.7698



69.9300, 2.9925, 20.2324



65.7860, -12.2195, -0.6893



61.6180, -0.7977, -24.2210

Sweetspot

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



69.0180, 12.8091, -1.7698



112.5530, 4.6574, -0.4850



84.8560, 5.0010, -17.4137



55.0970, 2.9102, -0.0851



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



69.0180, 12.8091, -1.7698



82.1410, 19.6505, -2.7547



73.5030, 10.5980, 7.4519



44.4560, 1.7472, -0.3999



14.8610, 47.8895, -6.8941



32.1440, 102.4730, -14.1583

Inverse Universe

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



77.1620, 7.8081, 15.6439



94.6560, 12.0016, 23.9807



86.4970, -10.5980, -7.4519



45.6520, 1.1576, 2.0592



45.4580, 29.3542, 58.3573



97.2960, 62.4651, 125.1514

Previews

White Background



This preview shows how the YUV color 69.0180, 12.8091, -1.7698 looks on a white background.

Color Contrast Check

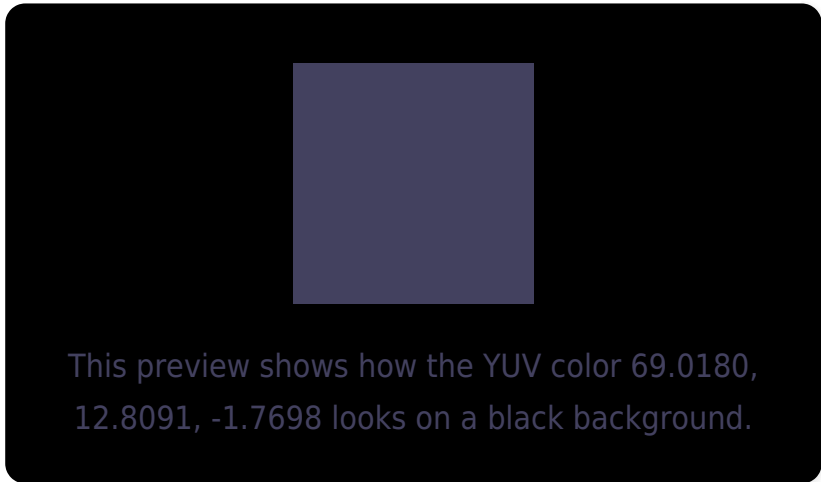
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

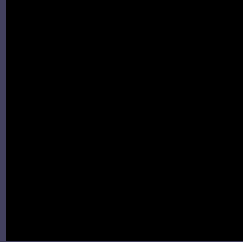
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.0180, 12.8091, -1.7698

Background



This preview shows how black text looks on a background with the YUV color 69.0180, 12.8091, -1.7698.



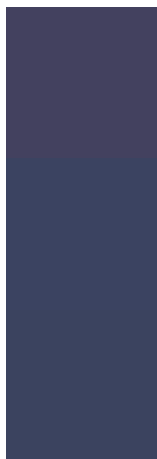
This preview shows how white text looks on a background with the YUV color 69.0180, 12.8091,

-1.7698.

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

69.0180, 12.8091, -1.7698

Protanopia

68.0280, 14.2832, -7.9176

Deuteranopia

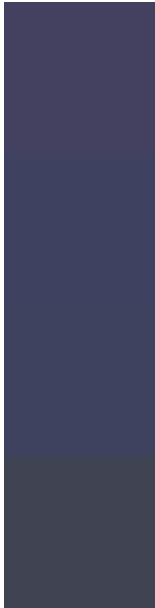
67.8000, 13.4096, -7.7176



Tritanopia

67.8900, 3.5052, -4.2885

Trichromacy



Original Color

69.0180, 12.8091, -1.7698

Protanomaly

68.2240, 13.6936, -5.4584

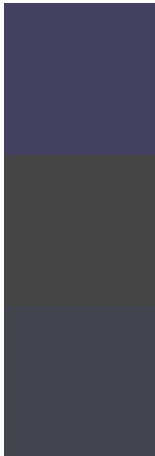
Deuteranomaly

68.1100, 13.2568, -5.3585

Tritanomaly

68.4000, 6.7048, -3.8588

Monochromacy



Original Color

69.0180, 12.8091, -1.7698

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.0180, 12.8091, -1.7698 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(67, 65, 95)` looks like.

```
.text, #text, p{  
    color:rgb(67, 65, 95)  
}
```

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(67, 65, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 65, 95) }
```

Border

The CSS property to change the border of an element to YUV 69.0180, 12.8091, -1.7698 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(67, 65, 95) }
```


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

```
.border{ border-color:rgb(67, 65, 95) }
```

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

Here you see how a box with a 4 pixel rgb(67, 65, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 65, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 65, 95);  
box-shadow:4px 4px 4px 4px rgb(67, 65, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.0180, 12.8091, -1.7698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 65, 95) }
```

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

```
.background{ background-color: rgb(67, 65,  
95) }
```

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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