

Converting Colors

YUV(65.6980, 11.4879, 2.0189)

Have a look what the booklet for
YUV(65.6980, 11.4879, 2.0189)
contains.

YUV(65.6980, 11.4879, 2.0189)	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(65.6980, 11.4879,
2.0189)**

Conversions

Conversions Part 1

Format	Color
Hex	443C59
RGB	68, 60, 89
RGB Percent	27%, 24%, 35%
CMY	0.7333, 0.7647, 0.6510
CMYK	0.24, 0.33, 0.00, 0.65
HSL	257°, 19%, 29%
HSV	257°, 33%, 35%
XYZ	5.8029, 5.1819, 10.1456
YIQ	65.6980, -4.5410, 10.7150

Conversions

Conversions Part 2

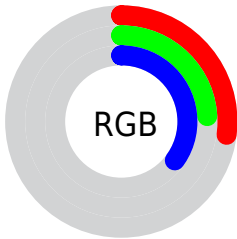
Format	Color
RYB	68, 60, 89
Decimal	4471897
CIELab	27.25, 10.47, -16.11
CIElCh	27, 19.213, 303.032
Yxy	5.1819, 0.2746, 0.2452
Android (android.graphics.Color)	4282661977 (0xFF443C59)
YUV	65.6980, 11.4879, 2.0189
Hunter-Lab	22.7639, 5.6662, -10.4901

Details

The YUV color **65.6980, 11.4879, 2.0189** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **83.3020, -11.4879, -2.0189**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.6380, 12.5035, 2.9485**, and **22.6440, 10.0355, 1.1892** is the 20% darker color. If you saturate the color by 10%, you get **58.6210, 14.9768, 2.9634**, and if you desaturate by 10%, it is **72.7750, 7.9989, 1.0743**.

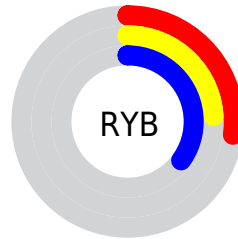
Distribution



Red (27%)

Green (24%)

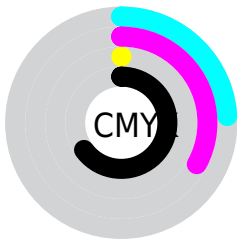
Blue (35%)



Red (27%)

Yellow (24%)

Blue (35%)

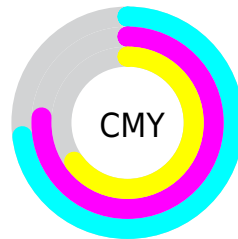


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (65%)



Cyan (73%)

Magenta (76%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.6980, 11.4879, 2.0189 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 65.6980, 11.4879, 2.0189 by changing the saturation by 10% instead.

■ 65.6980, 11.4879,
2.0189

■ 65.6980, 11.4879,
2.0189

■ 255.0000, 0.0000,
0.0000

■ 43.2850, 11.1985,
1.5041

■ 113.6380, 12.5035,
2.9485

■ 22.6440, 10.0355,
1.1892

■ 139.3390, 12.6509,
2.3337

■ 3.2090, 9.7570,
-2.8143

■ 165.8660, 13.3771,
2.7485

■ 0.0000, 0.0000,
0.0000

■ 192.9800, 13.8139,
2.6485

■ 220.3930, 14.1033,
3.1633

■ 246.7710, 4.0569,

5.4628

■ 65.6980, 11.4879,
2.0189

■ 65.6980, 11.4879,
2.0189

■ 58.6210, 14.9768,
2.9634

■ 72.7750, 7.9989,
1.0743

■ 51.2450, 18.6132,
3.2931

■ 80.1510, 4.3626,
0.7446

■ 44.1680, 22.1022,
4.2377

■ 87.2280, 0.8736,
-0.2000

■ 36.7920, 25.7385,
4.5674

■ 94.6040, -2.7628,
-0.5297

■ 30.3020, 28.9381,
4.9971

■ 101.6810, -6.2517,
-1.4742

■ 22.9260, 32.5745,
5.3269

■ 108.4700, -9.5987,
-1.2892

■ 17.6210, 35.1898,
6.4714

■ 115.5470,
-13.0877, -2.2337

■ 122.9230,
-16.7240, -2.5635

■ 130.0000,
-20.2130, -3.5080

Harmonies

Analogous

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



62.3260, 15.6153, -15.1949



65.6980, 11.4879, 2.0189



66.2930, 5.7716, 15.5290

Triad

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



65.6980, 11.4879, 2.0189



64.4940, -12.5685, 17.9838



55.0560, 4.9024, -32.4981

Complementary

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



65.6980, 11.4879, 2.0189



83.3020, -11.4879, -2.0189

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.



59.1520, -4.0189, -17.6733



65.6980, 11.4879, 2.0189



63.3850, -13.9938, 8.4324

Square

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



65.6980, 11.4879, 2.0189



64.7920, -7.7855, 23.8614



61.4050, -11.0457, -3.8632



51.6830, 13.9603, -44.4490

Rectangle

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



65.6980, 11.4879, 2.0189



65.7730, 1.0979, 21.2471



61.4050, -11.0457, -3.8632



56.8780, 1.5391, -27.0800

Sweetspot

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



65.6980, 11.4879, 2.0189



105.2650, 4.7994, 0.6446



75.6330, 6.5899, -13.7101



53.3960, 2.7628, 0.5297



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



65.6980, 11.4879, 2.0189



78.7180, 17.8870, 2.8783



69.8840, 9.4242, 10.6257



39.7550, 1.5998, 0.2149



21.1680, 42.3152, 7.7457



46.2250, 93.0661, 16.4657

Inverse Universe

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



71.0650, 4.8980, 15.7290



87.1030, 7.3442, 24.4657



79.1160, -9.4242, -10.6257



40.5380, 0.7208, 2.1592



40.8850, 18.2977, 57.9829



89.6450, 39.6150, 127.4763

Previews

White Background



This preview shows how the YUV color 65.6980, 11.4879, 2.0189 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 65.6980, 11.4879, 2.0189 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 65.6980, 11.4879, 2.0189

Background



This preview shows how black text looks on a background with the YUV color 65.6980, 11.4879, 2.0189.



This preview shows how white text looks on a background with the YUV color 65.6980, 11.4879,

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

65.6980, 11.4879, 2.0189

Protanopia

64.2130, 13.6990, -7.2028

Deuteranopia

64.6430, 11.5150, -6.7029



Tritanopia

64.5700, 2.1840, -0.4999

Trichromacy



Original Color

65.6980, 11.4879, 2.0189

Protanomaly

64.7080, 12.9620, -4.1289

Deuteranomaly

65.2520, 11.2148, -3.7290

Tritanomaly

65.0800, 5.3836, -0.0702

Monochromacy



Original Color

65.6980, 11.4879, 2.0189

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0370, 3.9258, 0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.6980, 11.4879, 2.0189 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(68, 60, 89)` looks like.

```
.text, #text, p{  
    color:rgb(68, 60, 89)  
}
```

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(68, 60, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 60, 89) }
```

Border

The CSS property to change the border of an element to YUV 65.6980, 11.4879, 2.0189 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(68, 60, 89) }
```


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

```
.border{ border-color:rgb(68, 60, 89) }
```

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

Here you see how a box with a 4 pixel rgb(68, 60, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 60, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 60, 89);  
box-shadow:4px 4px 4px 4px rgb(68, 60, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 65.6980, 11.4879, 2.0189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 60, 89) }
```

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

```
.background{ background-color: rgb(68, 60,  
89) }
```

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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