

Converting Colors

YUV(69.6900, 20.3658, 1.1489)

Have a look what the booklet for
YUV(69.6900, 20.3658, 1.1489)
contains.

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Color

**YUV(69.6900, 20.3658,
1.1489)**

Conversions

Conversions Part 1

Format	Color
Hex	473D6F
RGB	71, 61, 111
RGB Percent	28%, 24%, 44%
CMY	0.7216, 0.7608, 0.5647
CMYK	0.36, 0.45, 0.00, 0.56
HSL	252°, 29%, 34%
HSV	252°, 45%, 44%
XYZ	7.1365, 5.8248, 15.7871
YIQ	69.6900, -10.0900, 17.6700

Conversions

Conversions Part 2

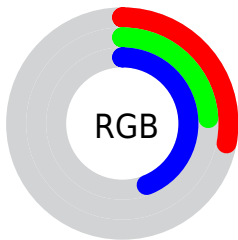
Format	Color
R_{YB}	71, 61, 111
Decimal	4668783
CIE _{Lab}	28.97, 17.12, -27.54
CIE _{LCh}	29, 32.428, 301.862
Yxy	5.8248, 0.2482, 0.2026
Android (android.graphics.Color)	4282858863 (0xFF473D6F)
YUV	69.6900, 20.3658, 1.1489
Hunter-Lab	24.1346, 10.5464, -21.8890

Details

The YUV color **69.6900, 20.3658, 1.1489** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **102.3100, -20.3658, -1.1489**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7440, 21.8182, 1.9785**, and **25.2120, 18.6295, -1.9399** is the 20% darker color. If you saturate the color by 10%, you get **60.5420, 24.8758, 1.2787**, and if you desaturate by 10%, it is **78.8380, 15.8559, 1.0191**.

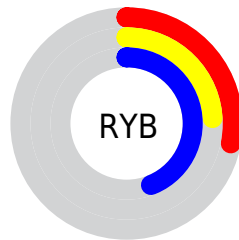
Distribution



Red (28%)

Green (24%)

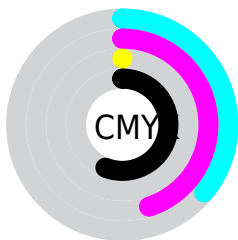
Blue (44%)



Red (28%)

Yellow (24%)

Blue (44%)

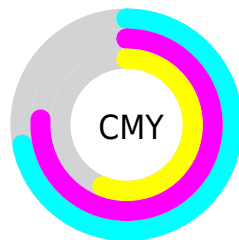


Cyan (36%)

Magenta (45%)

Yellow (0%)

Black (56%)



Cyan (72%)

Magenta (76%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.6900, 20.3658, 1.1489 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 69.6900, 20.3658, 1.1489 by changing the saturation by 10% instead.

■ 69.6900, 20.3658,
1.1489

■ 69.6900, 20.3658,
1.1489

■ 255.0000, 0.0000,
0.0000

■ 46.7500, 19.3502,
0.2193

■ 118.7440, 21.8182,
1.9785

■ 25.2120, 18.6295,
-1.9399

■ 144.5700, 22.3970,
3.0081

■ 4.6740, 17.9087,
-4.0991

■ 171.0970, 23.1232,
3.4229

■ 2.7530, 8.0098,
-2.4144

■ 198.3250, 23.9968,
3.2230

■ 0.0000, 0.0000,
0.0000

■ 224.3440, 15.1134,
5.8373

■ 247.9560, 3.4727,

6.1776

■ 69.6900, 20.3658,
1.1489

■ 69.6900, 20.3658,
1.1489

■ 60.5420, 24.8758,
1.2787

■ 78.8380, 15.8559,
1.0191

■ 51.3940, 29.3858,
1.4085

■ 87.9860, 11.3459,
0.8893

■ 42.2460, 33.8957,
1.5383

■ 97.1340, 6.8359,
0.7595

■ 33.0980, 38.4057,
1.6681

■ 106.2820, 2.3260,
0.6297

■ 24.2490, 42.7682,
2.4126

■ 115.7180, -2.3260,
-0.6297

■ 19.2320, 45.2416,
2.4275

■ 124.8660, -6.8359,
-0.7595

■ 134.0140,
-11.3459, -0.8893

■ 143.1620,
-15.8559, -1.0191

■ 152.3100,
-20.3658, -1.1489

Harmonies

Analogous

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



57.8200, 29.6687, -42.8151



69.6900, 20.3658, 1.1489



70.3250, 10.6858, 26.0250

Triad

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



69.6900, 20.3658, 1.1489



66.5680, -21.4790, 29.3199



54.8260, 6.9878, -48.0824

Complementary

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



69.6900, 20.3658, 1.1489



102.3100, -20.3658, -1.1489

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.



56.1730, -6.0013, -35.2317



69.6900, 20.3658, 1.1489



65.4320, -25.3560, 12.7761

Square

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



69.6900, 20.3658, 1.1489



67.1530, -11.9074, 39.3308



62.5050, -19.4760, -6.5819



57.6760, 17.9077, -50.5819

Rectangle

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



69.6900, 20.3658, 1.1489



68.5560, 3.6699, 36.3464



62.5050, -19.4760, -6.5819



53.8000, 3.0566, -47.1826

Sweetspot

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



69.6900, 20.3658, 1.1489



128.4760, 8.1463, 0.4595



90.1800, 10.2643, -25.5909



63.3790, 5.2362, 0.5446



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



69.6900, 20.3658, 1.1489



80.6760, 31.7117, 2.0381



77.1650, 16.6807, 16.5183



51.2820, 2.3260, 0.6297



20.8560, 48.8780, 2.7573



42.8090, 100.6662, 5.4295

Inverse Universe

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



80.5100, 10.1016, 26.7397



97.5040, 16.0205, 41.6540



94.8350, -16.6807, -16.5183



52.3640, 1.2995, 3.1888



46.8240, 24.2438, 64.1754



96.4250, 50.0765, 132.0543

Previews

White Background



This preview shows how the YUV color 69.6900, 20.3658, 1.1489 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 69.6900, 20.3658, 1.1489 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 69.6900, 20.3658, 1.1489

Background



This preview shows how black text looks on a background with the YUV color 69.6900, 20.3658, 1.1489.



This preview shows how white text looks on a background with the YUV color 69.6900, 20.3658,

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

69.6900, 20.3658, 1.1489

Protanopia

66.6060, 24.3512, -17.1945

Deuteranopia

66.3840, 21.0097, -18.7538



Tritanopia

67.8900, 3.5052, -4.2885

Trichromacy



Original Color

69.6900, 20.3658, 1.1489

Protanomaly

67.8950, 22.7298, -10.4319

Deuteranomaly

67.4280, 20.9880, -11.7764

Tritanomaly

68.5080, 9.6096, -2.1995

Monochromacy



Original Color

69.6900, 20.3658, 1.1489

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.6900, 20.3658, 1.1489 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(71, 61, 111)` looks like.

```
.text, #text, p{  
    color:rgb(71, 61, 111)  
}
```

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(71, 61, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 61, 111) }
```

Border

The CSS property to change the border of an element to YUV 69.6900, 20.3658, 1.1489 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(71, 61, 111) }
```


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

```
.border{ border-color:rgb(71, 61, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 61, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 61, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 61, 111);  
box-shadow:4px 4px 4px 4px rgb(71, 61,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 69.6900, 20.3658, 1.1489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 61, 111) }
```

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

```
.background{ background-color: rgb(71, 61,  
111) }
```

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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