

Converting Colors

YUV(69.3890, 13.6122, 20.7068)

Have a look what the booklet for
YUV(69.3890, 13.6122, 20.7068)
contains.

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Color

**YUV(69.3890, 13.6122,
20.7068)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3461
RGB	93, 52, 97
RGB Percent	36%, 20%, 38%
CMY	0.6353, 0.7961, 0.6196
CMYK	0.04, 0.46, 0.00, 0.62
HSL	295°, 30%, 29%
HSV	295°, 46%, 38%
XYZ	7.8999, 5.6462, 11.9827
YIQ	69.3890, 9.9910, 22.6870

Conversions

Conversions Part 2

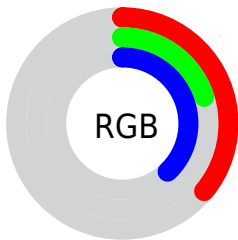
Format	Color
R_{YB}	93, 52, 97
Decimal	6108257
CIE Lab	28.50, 26.39, -19.12
CIE LCh	29, 32.584, 324.078
Yxy	5.6462, 0.3094, 0.2212
Android (android.graphics.Color)	4284298337 (0xFF5D3461)
YUV	69.3890, 13.6122, 20.7068
Hunter-Lab	23.7617, 17.7613, -13.2659

Details

The YUV color **69.3890, 13.6122, 20.7068** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.6110, -13.6122, -20.7068**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.6280, 14.4804, 22.2512**, and **23.2640, 13.1808, 19.0625** is the 20% darker color. If you saturate the color by 10%, you get **63.2200, 16.6535, 25.2401**, and if you desaturate by 10%, it is **75.5580, 10.5709, 16.1736**.

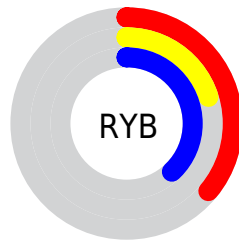
Distribution



Red (36%)

Green (20%)

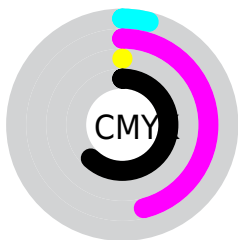
Blue (38%)



Red (36%)

Yellow (20%)

Blue (38%)

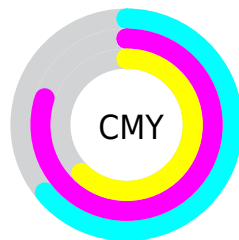


Cyan (4%)

Magenta (46%)

Yellow (0%)

Black (62%)



Cyan (64%)

Magenta (80%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.3890, 13.6122, 20.7068 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 69.3890, 13.6122, 20.7068 by changing the saturation by 10% instead.

69.3890, 13.6122,
20.7068

69.3890, 13.6122,
20.7068

255.0000, 0.0000,
0.0000

45.9760, 13.3228,
20.1920

118.6280, 14.4804,
22.2512

23.2640, 13.1808,
19.0625

144.4540, 15.0592,
23.2808

10.7810, 8.9820,
12.4701

171.1660, 15.2012,
24.4104

0.0000, 0.0000,
0.0000

198.5790, 15.4906,
24.9252

226.2370, 14.1802,
25.2252

242.6730, 6.0772,

10.8108

■ 69.3890, 13.6122,
20.7068

■ 69.3890, 13.6122,
20.7068

■ 63.2200, 16.6535,
25.2401

■ 75.5580, 10.5709,
16.1736

■ 57.6380, 19.4055,
29.2585

■ 81.1400, 7.8190,
12.1552

■ 51.4690, 22.4468,
33.7917

■ 87.3090, 4.7777,
7.6220

■ 45.5990, 25.3407,
38.9397

■ 93.1790, 1.8838,
2.4740

■ 40.0170, 28.0926,
42.9581

■ 99.3480, -1.1576,
-2.0592

■ 37.3700, 29.3976,
44.4025

■ 104.9300, -3.9095,
-6.0776

■ 111.0990, -6.9508,
-10.6108

■ 117.2680, -9.9921,
-15.1440

■ 122.8500,
-12.7440, -19.1624

Harmonies

Analogous

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



67.5040, 22.4295, -7.4580



69.3890, 13.6122, 20.7068



67.6270, 2.6489, 37.1611

Triad

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



69.3890, 13.6122, 20.7068



64.4650, -25.3722, 18.0092



56.2910, 15.1395, -49.3672

Complementary

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



69.3890, 13.6122, 20.7068



79.6110, -13.6122, -20.7068

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.



53.3270, 3.7828, -46.7678



69.3890, 13.6122, 20.7068



62.4410, -22.4024, -1.2638

Square

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



69.3890, 13.6122, 20.7068



65.5730, -19.0165, 32.8235



57.6750, -10.6858, -26.0250



57.3970, 24.4543, -50.3372

Rectangle

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



69.3890, 13.6122, 20.7068



65.9990, -4.9295, 41.2199



57.6750, -10.6858, -26.0250



55.3790, 11.6452, -48.5674

Sweetspot

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



69.3890, 13.6122, 20.7068



113.8360, 5.5039, 8.0368



59.4780, 18.4983, -6.5582



57.2440, 3.3307, 5.0480



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.



69.3890, 13.6122, 20.7068



82.1160, 21.1418, 32.3473



68.5330, 5.1602, 24.9656



45.6520, 1.1576, 2.0592



43.2660, 33.8859, 51.5097



92.5420, 72.6968, 110.0267

Inverse Universe

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



65.9110, -4.8861, 27.2651



76.6140, -7.6977, 42.4345



80.4670, -5.1602, -24.9656



45.1960, -0.5896, 2.4591



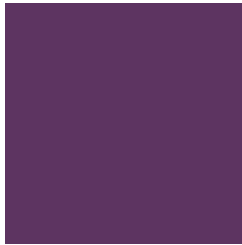
34.6280, -12.1416, 67.8552



74.1540, -26.2049, 145.4469

Previews

White Background



This preview shows how the YUV color 69.3890, 13.6122, 20.7068 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 69.3890, 13.6122, 20.7068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

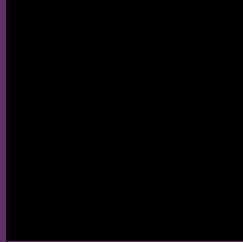
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.3890, 13.6122, 20.7068

Background



This preview shows how black text looks on a background with the YUV color 69.3890, 13.6122, 20.7068.



This preview shows how white text looks on a background with the YUV color 69.3890, 13.6122,

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

69.3890, 13.6122, 20.7068

Protanopia

66.4170, 20.9934, -13.5207

Deuteranopia

67.6860, 12.9728, -7.6176



Tritanopia

69.1270, -2.5276, 17.4286

Trichromacy



Original Color

69.3890, 13.6122, 20.7068

Protanomaly

67.5110, 18.4821, -1.3251

Deuteranomaly

68.4530, 13.0877, 2.2337

Tritanomaly

69.0330, 3.4347, 18.3881

Monochromacy



Original Color

69.3890, 13.6122, 20.7068

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.3090, 4.7777, 7.6220

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.3890, 13.6122, 20.7068 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(93, 52, 97)` looks like.

```
.text, #text, p{  
    color:rgb(93, 52, 97)  
}
```

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(93, 52, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 52, 97) }
```

Border

The CSS property to change the border of an element to YUV 69.3890, 13.6122, 20.7068 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(93, 52, 97) }
```


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

```
.border{ border-color:rgb(93, 52, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 52, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 52, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 52, 97);  
box-shadow:4px 4px 4px 4px rgb(93, 52, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.3890, 13.6122, 20.7068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 52, 97) }
```

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

```
.background{ background-color: rgb(93, 52,  
97) }
```

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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