

Converting Colors

YUV(70.5740, 13.0280, 21.4216)

Have a look what the booklet for
YUV(70.5740, 13.0280, 21.4216)
contains.

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Color

**YUV(70.5740, 13.0280,
21.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	5F3561
RGB	95, 53, 97
RGB Percent	37%, 21%, 38%
CMY	0.6275, 0.7922, 0.6196
CMYK	0.02, 0.45, 0.00, 0.62
HSL	297°, 29%, 29%
HSV	297°, 45%, 38%
XYZ	8.1501, 5.8422, 12.0074
YIQ	70.5740, 10.9080, 22.5880

Conversions

Conversions Part 2

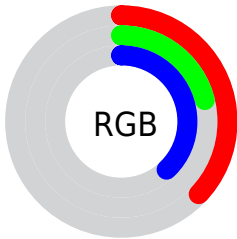
Format	Color
R_{YB}	95, 53, 97
Decimal	6239585
CIE _{Lab}	29.01, 26.47, -18.30
CIE _{LCh}	29, 32.185, 325.339
Yxy	5.8422, 0.3135, 0.2247
Android (android.graphics.Color)	4284429665 (0xFF5F3561)
YUV	70.5740, 13.0280, 21.4216
Hunter-Lab	24.1706, 17.8900, -12.5344

Details

The YUV color **70.5740, 13.0280, 21.4216** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.4260, -13.0280, -21.4216**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1120, 13.7488, 23.5808**, and **23.8620, 12.8860, 20.2920** is the 20% darker color. If you saturate the color by 10%, you get **64.7040, 15.9219, 26.5696**, and if you desaturate by 10%, it is **76.4440, 10.1341, 16.2736**.

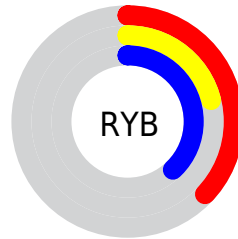
Distribution



Red (37%)

Green (21%)

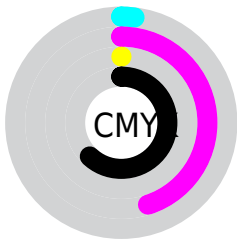
Blue (38%)



Red (37%)

Yellow (21%)

Blue (38%)

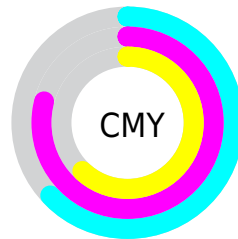


Cyan (2%)

Magenta (45%)

Yellow (0%)

Black (62%)



Cyan (63%)

Magenta (79%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5740, 13.0280, 21.4216 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 70.5740, 13.0280, 21.4216 by changing the saturation by 10% instead.

70.5740, 13.0280,
21.4216

70.5740, 13.0280,
21.4216

255.0000, 0.0000,
0.0000

47.1610, 12.7386,
20.9068

120.1120, 13.7488,
23.5808

23.8620, 12.8860,
20.2920

145.8240, 13.8908,
24.7104

11.7920, 8.9765,
14.2144

172.9380, 14.3276,
24.6104

0.0000, 0.0000,
0.0000

200.6500, 14.4695,
25.7399

226.8240, 13.8908,
24.7104

243.8470, 5.4984,

9.7812

■ 70.5740, 13.0280,
21.4216

■ 70.5740, 13.0280,
21.4216

■ 64.7040, 15.9219,
26.5696

■ 76.4440, 10.1341,
16.2736

■ 59.1220, 18.6739,
30.5880

■ 82.0260, 7.3822,
12.2552

■ 53.2520, 21.5678,
35.7360

■ 87.8960, 4.4883,
7.1072

■ 47.0830, 24.6091,
40.2692

■ 94.0650, 1.4470,
2.5740

■ 41.8000, 27.2136,
44.9024

■ 99.9350, -1.4470,
-2.5740

■ 38.8650, 28.6606,
47.4764

■ 105.5170, -4.1989,
-6.5924

■ 111.3870, -7.0928,
-11.7404

■ 117.5560,
-10.1341, -16.2736

■ 122.8390,
-12.7386, -20.9068

Harmonies

Analogous

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



68.4010, 21.9873, -5.6137



70.5740, 13.0280, 21.4216



68.5130, 2.2121, 37.2611

Triad

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



70.5740, 13.0280, 21.4216



65.8670, -25.0774, 16.7796



57.1060, 15.7237, -50.0820

Complementary

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



70.5740, 13.0280, 21.4216



79.4260, -13.0280, -21.4216

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.



54.2560, 4.8038, -47.5825



70.5740, 13.0280, 21.4216



63.3700, -21.3814, -2.0785

Square

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



70.5740, 13.0280, 21.4216



66.8610, -19.1585, 31.6939



58.6040, -9.6648, -26.8397



58.2120, 25.0385, -51.0519

Rectangle

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



70.5740, 13.0280, 21.4216



67.5860, -5.2189, 40.7051



58.6040, -9.6648, -26.8397



56.7810, 11.9400, -49.7969

Sweetspot

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



70.5740, 13.0280, 21.4216



114.1350, 5.3564, 8.6516



59.1900, 18.6403, -5.4286



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.



70.5740, 13.0280, 21.4216



84.1870, 20.1208, 33.1620



68.8920, 3.9972, 24.6507



45.6520, 1.1576, 2.0592



44.7610, 33.1488, 54.5836



95.8310, 71.0753, 116.7892

Inverse Universe

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



66.3840, -5.6123, 26.8502



77.7880, -8.2765, 41.4049



81.1080, -3.9972, -24.6507



45.1960, -0.5896, 2.4591



34.0580, -14.3256, 68.3551



73.0140, -30.5729, 146.4467

Previews

White Background



This preview shows how the YUV color 70.5740, 13.0280, 21.4216 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 70.5740, 13.0280, 21.4216 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 70.5740, 13.0280, 21.4216

Background



This preview shows how black text looks on a background with the YUV color 70.5740, 13.0280, 21.4216.



This preview shows how white text looks on a background with the YUV color 70.5740, 13.0280,

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

70.5740, 13.0280, 21.4216

Protanopia

68.1890, 20.1198, -13.3208

Deuteranopia

68.8710, 12.3886, -6.9029



Tritanopia

69.8390, -2.3856, 18.5582

Trichromacy



Original Color

70.5740, 13.0280, 21.4216

Protanomaly

69.2830, 17.6085, -1.1252

Deuteranomaly

69.6380, 12.5035, 2.9485

Tritanomaly

69.7450, 3.5767, 19.5176

Monochromacy



Original Color

70.5740, 13.0280, 21.4216

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5740, 13.0280, 21.4216 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(95, 53, 97)` looks like.

```
.text, #text, p{  
    color:rgb(95, 53, 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(95, 53, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 53, 97) }
```

Border

The CSS property to change the border of an element to YUV 70.5740, 13.0280, 21.4216 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(95, 53, 97) }
```


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

```
.border{ border-color:rgb(95, 53, 97) }
```

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

Here you see how a box with a 4 pixel rgb(95, 53, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 53, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 53, 97);  
box-shadow:4px 4px 4px 4px rgb(95, 53, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.5740, 13.0280, 21.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 53, 97) }
```

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

```
.background{ background-color: rgb(95, 53,  
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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