

Converting Colors

YUV(69.0040, 10.8440, 21.9215)

Have a look what the booklet for
YUV(69.0040, 10.8440, 21.9215)
contains.

YUV(69.0040, 10.8440, 21.9215)	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(69.0040, 10.8440,
21.9215)**

Conversions

Conversions Part 1

Format	Color
Hex	5E345B
RGB	94, 52, 91
RGB Percent	37%, 20%, 36%
CMY	0.6314, 0.7961, 0.6431
CMYK	0.00, 0.45, 0.03, 0.63
HSL	304°, 29%, 29%
HSV	304°, 45%, 37%
XYZ	7.7324, 5.5910, 10.5692
YIQ	69.0040, 12.5130, 21.0330

Conversions

Conversions Part 2

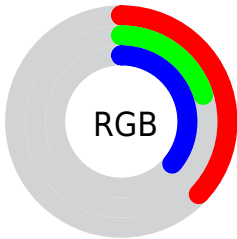
Format	Color
R_{YB}	94, 52, 91
Decimal	6173787
CIE _{Lab}	28.36, 25.46, -15.44
CIE _{LCh}	28, 29.777, 328.768
Yxy	5.5910, 0.3236, 0.2340
Android (android.graphics.Color)	4284363867 (0xFF5E345B)
YUV	69.0040, 10.8440, 21.9215
Hunter-Lab	23.6453, 16.9933, -9.9502




Details

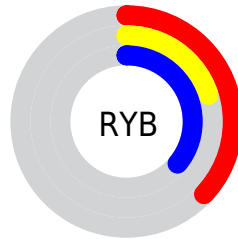
The YUV color **69.0040, 10.8440, 21.9215** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.9960, -10.8440, -21.9215**, and the grayscale version is **69.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **118.1290, 11.2754, 23.5659**, and **22.9930, 10.8495, 20.1771** is the 20% darker color. If you saturate the color by 10%, you get **63.6070, 13.0117, 26.6547**, and if you desaturate by 10%, it is **74.4010, 8.6763, 17.1883**.

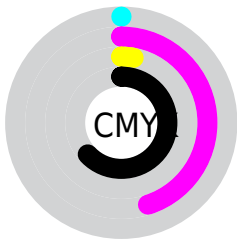
Distribution







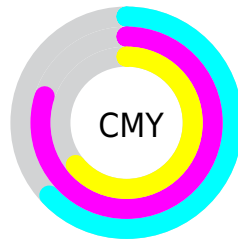
-  Red (37%)
-  Green (20%)
-  Blue (36%)






-  Red (37%)
-  Yellow (20%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (45%)
-  Yellow (3%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (80%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.0040, 10.8440, 21.9215 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 69.0040, 10.8440, 21.9215 by changing the saturation by 10% instead.

69.0040, 10.8440,
21.9215

69.0040, 10.8440,
21.9215

255.0000, 0.0000,
0.0000

45.5910, 10.5546,
21.4067

118.1290, 11.2754,
23.5659

22.9930, 10.8495,
20.1771

143.9550, 11.8542,
24.5955

10.6240, 7.0874,
13.4848

170.6670, 11.9962,
25.7250

0.0000, 0.0000,
0.0000

198.0800, 12.2856,
26.2398

225.8950, 12.8698,
25.5251

242.6730, 6.0772,

10.8108

■ 69.0040, 10.8440,
21.9215

■ 69.0040, 10.8440,
21.9215

■ 63.6070, 13.0117,
26.6547

■ 74.4010, 8.6763,
17.1883

■ 57.7370, 15.9057,
31.8027

■ 80.2710, 5.7824,
12.0403

■ 52.3400, 18.0734,
36.5358

■ 85.6680, 3.6147,
7.3072

■ 46.3560, 20.5305,
41.7838

■ 91.6520, 1.1576,
2.0592

■ 41.0730, 23.1350,
46.4170

■ 96.9350, -1.4470,
-2.5740

■ 38.0240, 24.1452,
49.0910

■ 102.3320, -3.6147,
-7.3072

■ 108.3160, -6.0718,
-12.5551

■ 113.5990, -8.6763,
-17.1883

■ 119.5830,
-11.1334, -22.4363

Harmonies

Analogous

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



67.7390, 19.3557, -1.5251



69.0040, 10.8440, 21.9215



67.7470, 0.6177, 35.3019

Triad

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



69.0040, 10.8440, 21.9215



64.1270, -22.7406, 13.9206



55.8180, 15.8657, -48.9524

Complementary

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



69.0040, 10.8440, 21.9215



76.9960, -10.8440, -21.9215

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.



53.1960, 5.8194, -46.6529



69.0040, 10.8440, 21.9215



62.3420, -18.9026, -3.8079

Square

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



69.0040, 10.8440, 21.9215



65.9530, -18.7108, 28.1052



57.4730, -7.6282, -26.7248



56.1090, 24.5963, -49.2076

Rectangle

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



69.0040, 10.8440, 21.9215



66.2220, -6.5184, 37.5163



57.4730, -7.6282, -26.7248



55.0200, 12.8081, -48.2525

Sweetspot

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



69.0040, 10.8440, 21.9215



112.4940, 4.1935, 8.3368



57.6850, 17.9033, -2.3547



55.1300, 2.8939, 5.1480



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.



69.0040, 10.8440, 21.9215



82.8020, 17.3526, 34.3766



66.6100, 1.6713, 24.0210



43.0650, 1.4470, 2.5740



44.5180, 28.3386, 57.4277



95.9430, 61.1601, 123.7070

Inverse Universe

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



69.0040, 10.8440, 21.9215



82.8020, 17.3526, 34.3766



79.3900, -1.6713, -24.0210



43.0650, 1.4470, 2.5740



44.5180, 28.3386, 57.4277



95.9430, 61.1601, 123.7070

Previews

White Background



This preview shows how the YUV color 69.0040, 10.8440, 21.9215 looks on a white background.

Color Contrast Check

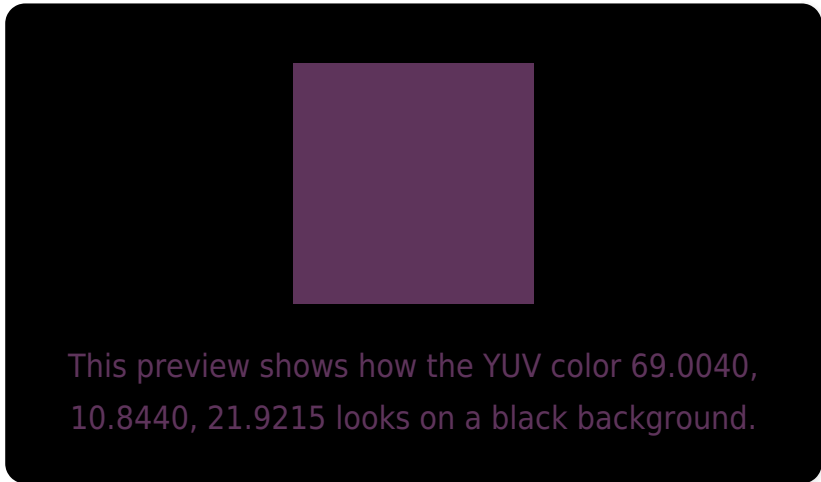
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.0040, 10.8440, 21.9215

Background



This preview shows how black text looks on a background with the YUV color 69.0040, 10.8440, 21.9215.



This preview shows how white text looks on a background with the YUV color 69.0040, 10.8440,

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

69.0040, 10.8440, 21.9215

Protanopia

66.8150, 17.3462, -10.3618

Deuteranopia

67.6110, 10.0518, -4.0438



Tritanopia

68.4370, -2.6804, 19.7878

Trichromacy



Original Color

69.0040, 10.8440, 21.9215

Protanomaly

67.6100, 14.9823, 1.2190

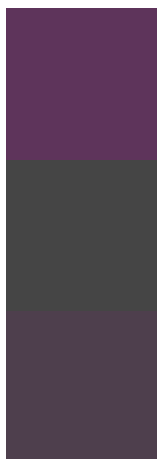
Deuteranomaly

68.0790, 10.3141, 5.1927

Tritanomaly

68.7020, 2.1189, 20.4323

Monochromacy



Original Color

69.0040, 10.8440, 21.9215

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0810, 3.9041, 7.8220

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.0040, 10.8440, 21.9215 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(94, 52, 91)` looks like.

```
.text, #text, p{  
    color:rgb(94, 52, 91)  
}
```

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(94, 52, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 52, 91) }
```

Border

The CSS property to change the border of an element to YUV 69.0040, 10.8440, 21.9215 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(94, 52, 91) }
```


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

```
.border{ border-color:rgb(94, 52, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 52, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 52, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 52, 91);  
box-shadow:4px 4px 4px 4px rgb(94, 52, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.0040, 10.8440, 21.9215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 52, 91) }
```

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

```
.background{ background-color: rgb(94, 52,  
91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor