

Converting Colors

YUV(62.3410, 16.5939, 44.4279)

Have a look what the booklet for
YUV(62.3410, 16.5939, 44.4279)
contains.

YUV(62.3410, 16.5939, 44.4279)	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(62.3410, 16.5939,
44.4279)**

Conversions

Conversions Part 1

Format	Color
Hex	711E60
RGB	113, 30, 96
RGB Percent	44%, 12%, 38%
CMY	0.5569, 0.8824, 0.6235
CMYK	0.00, 0.73, 0.15, 0.56
HSL	312°, 58%, 28%
HSV	312°, 73%, 44%
XYZ	9.3856, 5.2838, 11.5915
YIQ	62.3410, 28.2820, 38.1220

Conversions

Conversions Part 2

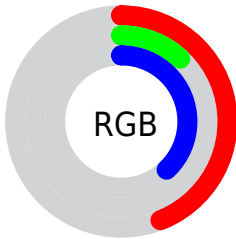
Format	Color
R _Y B	113, 30, 96
Decimal	7413344
CIE Lab	27.53, 43.48, -19.74
CIE LCh	28, 47.755, 335.584
Yxy	5.2838, 0.3574, 0.2012
Android (android.graphics.Color)	4285603424 (0xFF711E60)
YUV	62.3410, 16.5939, 44.4279
Hunter-Lab	22.9865, 32.6572, -13.8080

Details

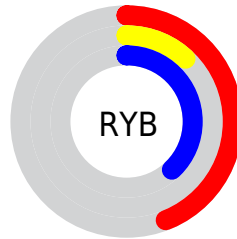
The YUV color **62.3410, 16.5939, 44.4279** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **80.6590, -16.5939, -44.4279**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8250, 15.8623, 45.7575**, and **23.8250, 12.4113, 32.6025** is the 20% darker color. If you saturate the color by 10%, you get **55.6560, 18.9036, 50.2907**, and if you desaturate by 10%, it is **69.0260, 14.2842, 38.5652**.

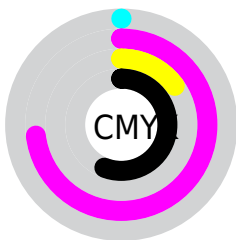
Distribution



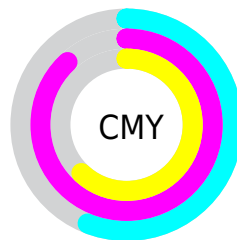
- Red (44%)
- Green (12%)
- Blue (38%)



- Red (44%)
- Yellow (12%)
- Blue (38%)



- Cyan (0%)
- Magenta (73%)
- Yellow (15%)
- Black (56%)



- Cyan (56%)
- Magenta (88%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3410, 16.5939, 44.4279 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 62.3410, 16.5939, 44.4279 by changing the saturation by 10% instead.

62.3410, 16.5939,
44.4279

62.3410, 16.5939,
44.4279

255.0000, 0.0000,
0.0000

34.2210, 18.6250,
46.2872

114.8250, 15.8623,
45.7575

23.8250, 12.4113,
32.6025

141.4230, 15.5675,
46.9870

14.8530, 6.4815,
21.1769

169.1350, 15.7094,
48.1166

0.0000, 0.0000,
0.0000

197.1460, 15.7040,
49.8610

216.8450, 18.8104,
33.4619

233.2810, 10.7075,

19.0476

250.3040, 2.3151,
4.1184

62.3410, 16.5939,
44.4279

62.3410, 16.5939,
44.4279

55.6560, 18.9036,
50.2907

69.0260, 14.2842,
38.5652

48.2700, 21.0659,
56.7682

76.4120, 12.1219,
32.0877

44.0470, 22.6548,
60.4718

83.0970, 9.8122,
26.2249

89.7820, 7.5025,
20.3622

97.1680, 5.3402,
13.8847

■ 103.8530, 3.0305,
8.0219

■ 110.5380, 0.7208,
2.1592

■ 117.3370, -1.1521,
-3.8035

■ 124.6090, -3.7512,
-10.1811

Harmonies

Analogous

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



66.3020, 28.9381, 4.9971



62.3410, 16.5939, 44.4279



54.5040, 2.7095, 64.4560

Triad

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



62.3410, 16.5939, 44.4279



61.1670, -30.1553, 12.1315



59.1580, 23.5861, -51.8816

Complementary

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



62.3410, 16.5939, 44.4279



80.6590, -16.5939, -44.4279

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.



55.6410, 7.5720, -48.7972



62.3410, 16.5939, 44.4279



53.6040, -26.4268, -17.1927

Square

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



62.3410, 16.5939, 44.4279



61.0330, -30.0893, 37.6821



50.1350, -8.4476, -43.9684



60.2470, 35.3742, -52.8366

Rectangle

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



62.3410, 16.5939, 44.4279



56.4530, -10.0833, 60.9927



50.1350, -8.4476, -43.9684



58.4910, 18.4919, -51.2966

Sweetspot

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



62.3410, 16.5939, 44.4279



127.8310, 6.4923, 17.6882



44.5450, 33.7483, 2.1530



62.3910, 3.7512, 10.1811



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.



62.3410, 16.5939, 44.4279



68.6120, 25.8273, 69.6233



57.6670, -1.3148, 48.5270



52.3640, 1.2995, 3.1888



46.7100, 23.8070, 64.2753



96.3110, 49.6397, 132.1543

Inverse Universe

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



62.3410, 16.5939, 44.4279



68.6120, 25.8273, 69.6233



85.3330, 1.3148, -48.5270



52.3640, 1.2995, 3.1888



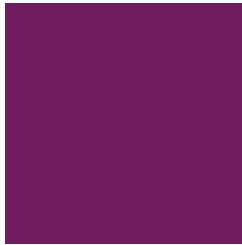
46.7100, 23.8070, 64.2753



96.3110, 49.6397, 132.1543

Previews

White Background



This preview shows how the YUV color 62.3410, 16.5939, 44.4279 looks on a white background.

Color Contrast Check

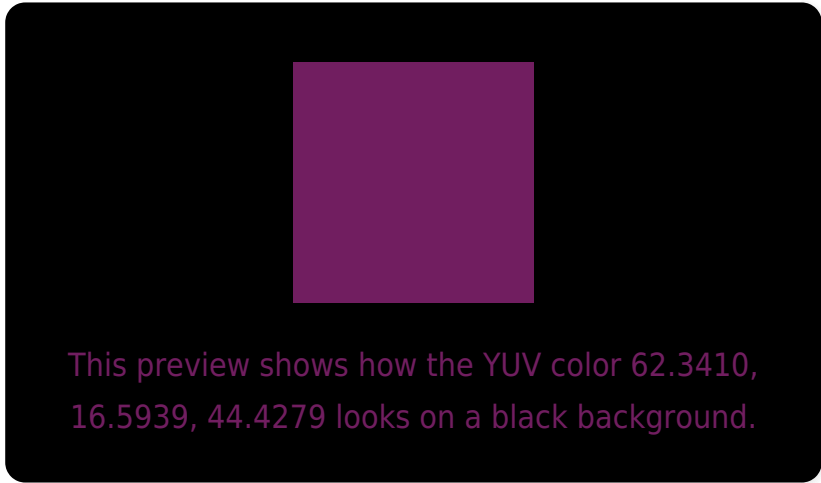
Large Text (above 18pt) WCAG AA ✓ Pass

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

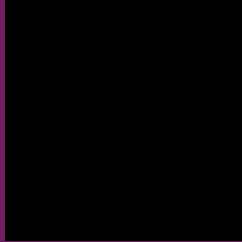
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3410, 16.5939, 44.4279

Background



This preview shows how black text looks on a background with the YUV color 62.3410, 16.5939, 44.4279.



This preview shows how white text looks on a background with the YUV color 62.3410, 16.5939,

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

62.3410, 16.5939, 44.4279

Protanopia

61.9840, 31.0669, -24.5420

Deuteranopia

66.7570, 11.9518, -6.8029



Tritanopia

65.1790, -7.9762, 38.4310

Trichromacy



Original Color

62.3410, 16.5939, 44.4279

Protanomaly

62.3570, 25.4600, 0.5639

Deuteranomaly

65.3340, 13.6393, 11.9851

Tritanomaly

63.8940, 1.0383, 40.4350

Monochromacy



Original Color

62.3410, 16.5939, 44.4279

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0050, 5.9135, 16.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3410, 16.5939, 44.4279 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(113, 30, 96)` looks like.

```
.text, #text, p{  
    color:rgb(113, 30, 96)  
}
```

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(113, 30, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 30, 96) }
```

Border

The CSS property to change the border of an element to YUV 62.3410, 16.5939, 44.4279 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(113, 30, 96) }
```


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

```
.border{ border-color:rgb(113, 30, 96) }
```

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

Here you see how a box with a 4 pixel rgb(113, 30, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 30, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 30, 96);  
box-shadow:4px 4px 4px 4px rgb(113, 30,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 62.3410, 16.5939, 44.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 30, 96) }
```

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

```
.background{ background-color: rgb(113, 30,  
96) }
```

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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