

Converting Colors

YUV(62.9440, 11.8596, 22.8511)

Have a look what the booklet for
YUV(62.9440, 11.8596, 22.8511)
contains.

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Color

**YUV(62.9440, 11.8596,
22.8511)**

Conversions

Conversions Part 1

Format	Color
Hex	592D57
RGB	89, 45, 87
RGB Percent	35%, 18%, 34%
CMY	0.6510, 0.8235, 0.6588
CMYK	0.00, 0.49, 0.02, 0.65
HSL	303°, 33%, 26%
HSV	303°, 49%, 35%
XYZ	6.7785, 4.6887, 9.5646
YIQ	62.9440, 12.7420, 22.3900

Conversions

Conversions Part 2

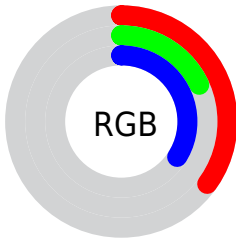
Format	Color
R_{YB}	89, 45, 87
Decimal	5844311
CIE _{Lab}	25.83, 27.05, -16.79
CIE _{LCh}	26, 31.837, 328.178
Yxy	4.6887, 0.3223, 0.2229
Android (android.graphics.Color)	4284034391 (0xFF592D57)
YUV	62.9440, 11.8596, 22.8511
Hunter-Lab	21.6535, 17.9848, -11.0316

Details

The YUV color **62.9440, 11.8596, 22.8511** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **71.0560, -11.8596, -22.8511**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.0690, 12.2910, 24.4955**, and **17.2320, 11.7176, 21.7215** is the 20% darker color. If you saturate the color by 10%, you get **57.6610, 14.4641, 27.4843**, and if you desaturate by 10%, it is **68.2270, 9.2551, 18.2179**.

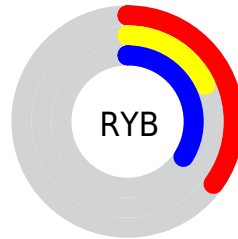
Distribution



Red (35%)

Green (18%)

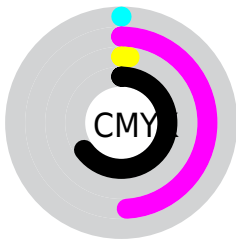
Blue (34%)



Red (35%)

Yellow (18%)

Blue (34%)

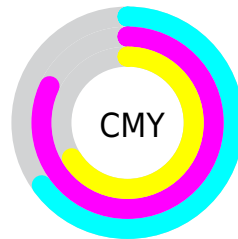


Cyan (0%)

Magenta (49%)

Yellow (2%)

Black (65%)



Cyan (65%)

Magenta (82%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.9440, 11.8596, 22.8511 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 62.9440, 11.8596, 22.8511 by changing the saturation by 10% instead.

■ 62.9440, 11.8596,
22.8511

■ 62.9440, 11.8596,
22.8511

■ 255.0000, 0.0000,
0.0000

■ 39.6450, 12.0070,
22.2363

■ 112.0690, 12.2910,
24.4955

■ 17.2320, 11.7176,
21.7215

■ 137.7810, 12.4330,
25.6251

■ 5.8680, 6.9671,
5.3778

■ 164.4930, 12.5750,
26.7546

■ 0.0000, 0.0000,
0.0000

■ 191.3190, 13.1537,
27.7842

■ 219.7320, 13.4431,
28.2990

■ 237.9770, 8.3923,

14.9292

■ 62.9440, 11.8596,
22.8511

■ 62.9440, 11.8596,
22.8511

■ 57.6610, 14.4641,
27.4843

■ 68.2270, 9.2551,
18.2179

■ 52.2640, 16.6318,
32.2175

■ 73.6240, 7.0874,
13.4848

■ 46.9810, 19.2364,
36.8507

■ 78.9070, 4.4828,
8.8516

■ 41.5840, 21.4041,
41.5838

■ 84.3040, 2.3151,
4.1184

■ 36.8880, 23.7192,
45.7022

■ 89.5870, -0.2894,
-0.5148

■ 36.3010, 24.0086,
46.2170

■ 94.2830, -2.6045,
-4.6332

■ 99.6800, -4.7722,
-9.3664

■ 104.9630, -7.3768,
-13.9996

■ 110.3600, -9.5445,
-18.7327

Harmonies

Analogous

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



61.7820, 20.8135, -2.4398



62.9440, 11.8596, 22.8511



60.9860, 1.4859, 36.8463

Triad

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



62.9440, 11.8596, 22.8511



57.9700, -24.6352, 14.9353



51.7260, 15.4181, -45.3637

Complementary

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



62.9440, 11.8596, 22.8511



71.0560, -11.8596, -22.8511

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.



49.5770, 4.6455, -43.4790



62.9440, 11.8596, 22.8511



55.7010, -20.0656, -4.1228

Square

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



62.9440, 11.8596, 22.8511



59.4370, -19.4424, 29.4348



50.3370, -8.0541, -30.1135



52.7180, 24.2960, -46.2337

Rectangle

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



62.9440, 11.8596, 22.8511



59.6460, -6.2345, 39.7755



50.3370, -8.0541, -30.1135



51.5150, 12.0711, -45.1787

Sweetspot

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



62.9440, 11.8596, 22.8511



104.9070, 4.4828, 8.8516



50.3150, 19.0717, -3.7843



52.4290, 2.7465, 5.7628



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



62.9440, 11.8596, 22.8511



74.7420, 18.3682, 35.3063



60.5500, 2.6869, 24.9507



40.6520, 1.1576, 2.0592



43.6210, 28.7808, 55.5834



95.8010, 63.2021, 122.0775

Inverse Universe

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



62.9440, 11.8596, 22.8511



74.7420, 18.3682, 35.3063



73.4500, -2.6868, -24.9506



40.6520, 1.1576, 2.0592



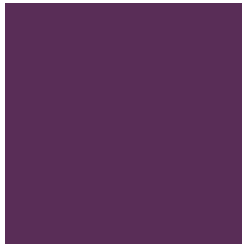
43.6210, 28.7808, 55.5834



95.8010, 63.2021, 122.0775

Previews

White Background



This preview shows how the YUV color 62.9440, 11.8596, 22.8511 looks on a white background.

Color Contrast Check

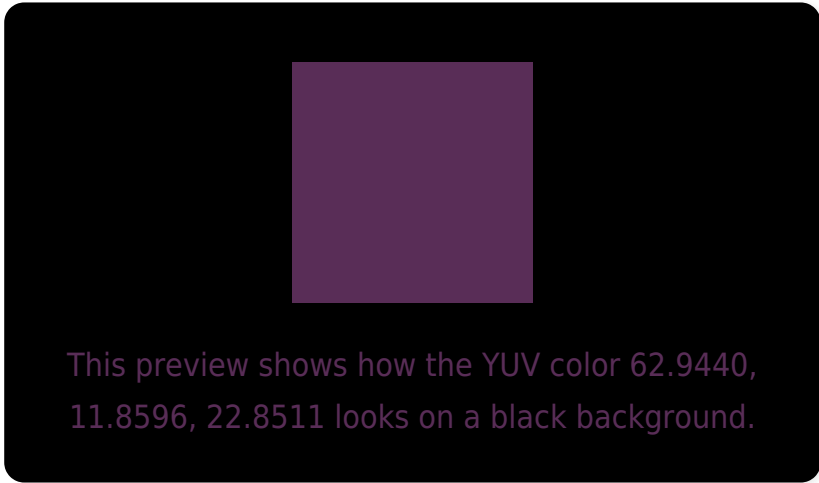
Large Text (above 18pt) WCAG AA ✓ Pass

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

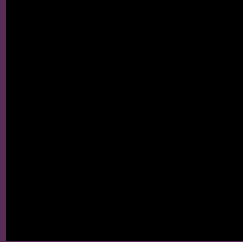
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.9440, 11.8596, 22.8511

Background



This preview shows how black text looks on a background with the YUV color 62.9440, 11.8596, 22.8511.



This preview shows how white text looks on a background with the YUV color 62.9440, 11.8596,

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

62.9440, 11.8596, 22.8511

Protanopia

60.9610, 19.2462, -13.1208

Deuteranopia

61.8280, 10.9308, -5.9882



Tritanopia

62.3230, -3.1172, 19.8877

Trichromacy



Original Color

62.9440, 11.8596, 22.8511

Protanomaly

61.6530, 16.4401, 0.3043

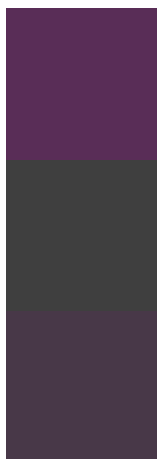
Deuteranomaly

62.0080, 11.3351, 4.3780

Tritanomaly

62.1150, 2.4083, 20.9471

Monochromacy



Original Color

62.9440, 11.8596, 22.8511

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.9440, 11.8596, 22.8511 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(89, 45, 87)` looks like.

```
.text, #text, p{  
    color:rgb(89, 45, 87)  
}
```

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(89, 45, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 45, 87) }
```

Border

The CSS property to change the border of an element to YUV 62.9440, 11.8596, 22.8511 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(89, 45, 87) }
```


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

```
.border{ border-color:rgb(89, 45, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 45, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 45, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 45, 87);  
box-shadow:4px 4px 4px 4px rgb(89, 45, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.9440, 11.8596, 22.8511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 45, 87) }
```

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

```
.background{ background-color: rgb(89, 45,  
87) }
```

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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