

Converting Colors

YUV(62.5060, 39.6835, 11.8342)

Have a look what the booklet for
YUV(62.5060, 39.6835, 11.8342)
contains.

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Color

**YUV(62.5060, 39.6835,
11.8342)**

Conversions

Conversions Part 1

Format	Color
Hex	4C288F
RGB	76, 40, 143
RGB Percent	30%, 16%, 56%
CMY	0.7020, 0.8431, 0.4392
CMYK	0.47, 0.72, 0.00, 0.44
HSL	261°, 56%, 36%
HSV	261°, 72%, 56%
XYZ	8.6972, 5.0373, 26.5005
YIQ	62.5060, -11.6070, 39.6650

Conversions

Conversions Part 2

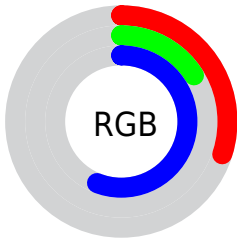
Format	Color
R _Y B	76, 40, 143
Decimal	4991119
CIE Lab	26.84, 40.65, -51.01
CIE LCh	27, 65.227, 308.555
Yxy	5.0373, 0.2162, 0.1252
Android (android.graphics.Color)	4283181199 (0xFF4C288F)
YUV	62.5060, 39.6835, 11.8342
Hunter-Lab	22.4438, 29.8938, -54.2958

Details

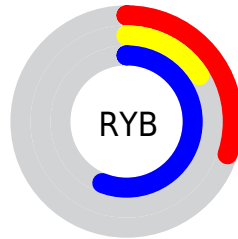
The YUV color **62.5060, 39.6835, 11.8342** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **120.4940, -39.6835, -11.8342**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.3970, 41.7093, 15.4378**, and **14.6740, 38.1217, -0.5911** is the 20% darker color. If you saturate the color by 10%, you get **51.5970, 45.0617, 13.5084**, and if you desaturate by 10%, it is **73.4150, 34.3054, 10.1600**.

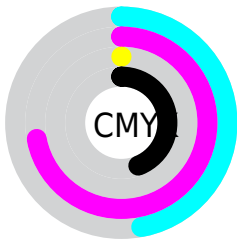
Distribution



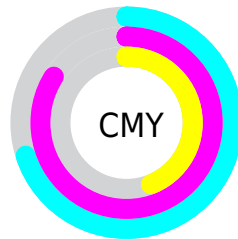
- Red (30%)
- Green (16%)
- Blue (56%)



- Red (30%)
- Yellow (16%)
- Blue (56%)



- Cyan (47%)
- Magenta (72%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (84%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.5060, 39.6835, 11.8342 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 62.5060, 39.6835, 11.8342 by changing the saturation by 10% instead.

■ 62.5060, 39.6835,
11.8342

■ 62.5060, 39.6835,
11.8342

■ 255.0000, 0.0000,
0.0000

■ 37.0820, 39.3996,
9.5751

■ 113.3970, 41.7093,
15.4378

■ 14.6740, 38.1217,
-0.5911

■ 140.2230, 42.2881,
16.4674

■ 7.6380, 29.2655,
-6.6985

■ 167.1630, 43.3036,
17.3970

■ 6.7770, 18.3509,
-5.9434

■ 191.0960, 31.5047,
21.8408

■ 3.0950, 9.3202,
-2.7143

■ 216.2030, 19.1269,
25.2550

■ 0.0000, 0.0000,
0.0000

■ 235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

62.5060, 39.6835,
11.8342

62.5060, 39.6835,
11.8342

51.5970, 45.0617,
13.5084

73.4150, 34.3054,
10.1600

39.8020, 50.8766,
15.0826

85.2100, 28.4905,
8.5858

31.2520, 55.0918,
16.4420

96.1190, 23.1123,
6.9116

107.0280, 17.7342,
5.2374

118.8230, 11.9193,
3.6632

■ 129.7320, 6.5411,
1.9890

■ 140.6410, 1.1630,
0.3148

■ 151.5500, -4.2151,
-1.3593

■ 163.3450,
-10.0301, -2.9336

Harmonies

Analogous

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



58.1390, 52.6825, -50.9879



62.5060, 39.6835, 11.8342



50.3840, 24.9537, 69.8232

Triad

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



62.5060, 39.6835, 11.8342



58.9950, -29.0845, 42.1004



56.9120, 9.9034, -49.9118

Complementary

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



62.5060, 39.6835, 11.8342



120.4940, -39.6835, -11.8342

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.



49.5820, -13.1049, -43.4834



62.5060, 39.6835, 11.8342



58.4760, -28.8287, 6.5985

Square

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



62.5060, 39.6835, 11.8342



40.3650, -19.8999, 82.9949



44.6120, -21.9937, -39.1247



62.3840, 30.8697, -54.7108

Rectangle

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



62.5060, 39.6835, 11.8342



50.8080, 8.4757, 81.7294



44.6120, -21.9937, -39.1247



54.9740, 2.4778, -48.2122

Sweetspot

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



62.5060, 39.6835, 11.8342



154.1590, 15.6976, 5.1226



92.2450, 25.0222, -45.8189



75.1280, 9.3039, 2.5187



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



62.5060, 39.6835, 11.8342



60.9840, 61.6329, 18.4310



77.4560, 32.3132, 42.5731



65.6950, 2.6154, 1.1445



29.4430, 52.0396, 15.3975



1.8090, 3.0522, 1.0445

Inverse Universe

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



78.4350, 14.0825, 56.6235



85.6960, 21.8419, 87.9666



105.5440, -32.3132, -42.5731



66.6630, 1.1521, 3.8035



50.3970, 18.5383, 74.1968



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 62.5060, 39.6835, 11.8342 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 62.5060, 39.6835, 11.8342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

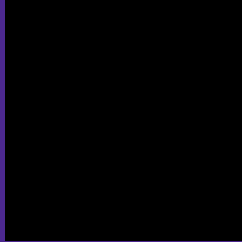
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.5060, 39.6835, 11.8342

Background



This preview shows how black text looks on a background with the YUV color 62.5060, 39.6835, 11.8342.



This preview shows how white text looks on a background with the YUV color 62.5060, 39.6835,

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

62.5060, 39.6835, 11.8342

Protanopia

51.2140, 38.8415, -44.9147

Deuteranopia

51.5100, 29.8216, -45.1743



Tritanopia

63.1780, 3.3632, -5.4181

Trichromacy



Original Color

62.5060, 39.6835, 11.8342

Protanomaly

55.4600, 39.2132, -24.0824

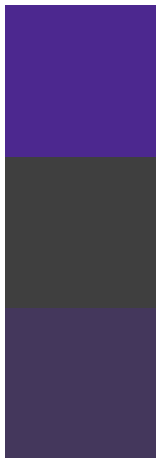
Deuteranomaly

55.8530, 33.1035, -24.4271

Tritanomaly

63.0660, 16.7295, 0.8191

Monochromacy



Original Color

62.5060, 39.6835, 11.8342

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.1050, 14.2452, 4.2929

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.5060, 39.6835, 11.8342 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(76, 40, 143)` looks like.

```
.text, #text, p{  
    color:rgb(76, 40, 143)  
}
```

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(76, 40, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 40, 143) }
```

Border

The CSS property to change the border of an element to YUV 62.5060, 39.6835, 11.8342 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(76, 40, 143) }
```


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

```
.border{ border-color:rgb(76, 40, 143) }
```

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

Here you see how a box with a 4 pixel rgb(76, 40, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 40, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 40, 143);  
box-shadow:4px 4px 4px 4px rgb(76, 40,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 62.5060, 39.6835, 11.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 40, 143) }
```

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

```
.background{ background-color: rgb(76, 40,  
143) }
```

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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