

Converting Colors

YUV(69.4060, 27.9008, 11.0449)

Have a look what the booklet for
YUV(69.4060, 27.9008, 11.0449)
contains.

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Color

**YUV(69.4060, 27.9008,
11.0449)**

Conversions

Conversions Part 1

Format	Color
Hex	52347E
RGB	82, 52, 126
RGB Percent	32%, 20%, 49%
CMY	0.6784, 0.7961, 0.5059
CMYK	0.35, 0.59, 0.00, 0.51
HSL	264°, 42%, 35%
HSV	264°, 59%, 49%
XYZ	8.4736, 5.7562, 20.4031
YIQ	69.4060, -5.8740, 29.3740

Conversions

Conversions Part 2

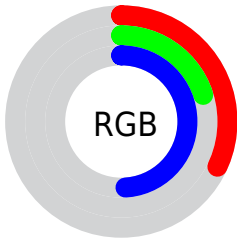
Format	Color
R_{YB}	82, 52, 126
Decimal	5387390
CIE _{Lab}	28.79, 30.31, -37.23
CIE _{LCh}	29, 48.004, 309.152
Yxy	5.7562, 0.2447, 0.1662
Android (android.graphics.Color)	4283577470 (0xFF52347E)
YUV	69.4060, 27.9008, 11.0449
Hunter-Lab	23.9920, 21.0570, -33.6265

Details

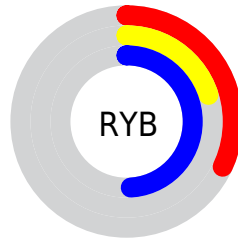
The YUV color **69.4060, 27.9008, 11.0449** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **108.5940, -27.9008, -11.0449**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1720, 29.4952, 13.0042**, and **22.0420, 26.6013, 7.8562** is the 20% darker color. If you saturate the color by 10%, you get **59.6820, 32.6948, 13.4339**, and if you desaturate by 10%, it is **79.1300, 23.1069, 8.6560**.

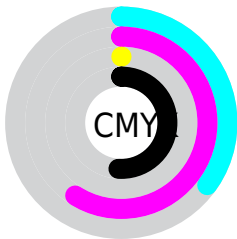
Distribution



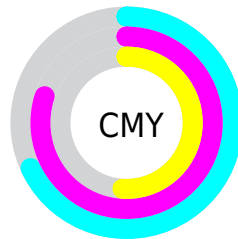
- Red (32%)
- Green (20%)
- Blue (49%)



- Red (32%)
- Yellow (20%)
- Blue (49%)



- Cyan (35%)
- Magenta (59%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.4060, 27.9008, 11.0449 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 69.4060, 27.9008, 11.0449 by changing the saturation by 10% instead.

■ 69.4060, 27.9008,
11.0449

■ 69.4060, 27.9008,
11.0449

■ 255.0000, 0.0000,
0.0000

■ 46.1670, 27.0327,
9.5005

■ 119.1720, 29.4952,
13.0042

■ 22.0420, 26.6013,
7.8562

■ 145.1120, 30.5108,
13.9338

■ 9.0320, 21.6762,
0.8489

■ 171.9380, 31.0896,
14.9634

■ 4.7080, 12.9620,
-4.1289

■ 198.4390, 27.8846,
16.2780

■ 0.2280, 0.8736,
-0.2000

■ 223.5460, 15.5068,
19.6922

■ 0.0000, 0.0000,
0.0000

■ 242.6730, 6.0772,

10.8108

■ 69.4060, 27.9008,
11.0449

■ 69.4060, 27.9008,
11.0449

■ 59.6820, 32.6948,
13.4339

■ 79.1300, 23.1069,
8.6560

■ 50.2460, 37.3467,
14.6933

■ 88.5660, 18.4550,
7.3966

■ 40.5220, 42.1407,
17.0822

■ 98.2900, 13.6610,
5.0077

■ 31.0860, 46.7926,
18.3416

■ 107.7260, 9.0091,
3.7483

■ 29.6130, 47.5188,
18.7564

■ 117.4500, 4.2152,
1.3594

■ 127.4730, -0.7262,
-0.4148

■ 136.6100, -5.2307,
-2.2890

■ 146.6330,
-10.1721, -4.0631

■ 155.7700,
-14.6766, -5.9373

Harmonies

Analogous

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



56.6910, 42.0573, -49.7180



69.4060, 27.9008, 11.0449



64.9070, 14.8358, 48.3166

Triad

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



69.4060, 27.9008, 11.0449



63.9680, -31.5362, 35.1081



58.3140, 10.1982, -51.1414

Complementary

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



69.4060, 27.9008, 11.0449



108.5940, -27.9008, -11.0449

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.



52.6940, -6.2581, -46.2126



69.4060, 27.9008, 11.0449



63.2160, -31.1655, 9.4576

Square

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



69.4060, 27.9008, 11.0449



61.6020, -19.5238, 55.6000



55.0550, -27.1421, -21.0962



61.7170, 25.7755, -54.1258

Rectangle

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



69.4060, 27.9008, 11.0449



59.2910, 5.7725, 62.0118



55.0550, -27.1421, -21.0962



56.8320, 4.5198, -49.8417

Sweetspot

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



69.4060, 27.9008, 11.0449



140.8940, 10.8983, 4.4780



86.2640, 19.5898, -30.0495



68.1450, 6.8305, 2.5038



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



69.4060, 27.9008, 11.0449



75.7500, 43.0142, 16.8822



80.4690, 22.4468, 33.7917



58.6950, 2.6154, 1.1445



30.1400, 48.2450, 19.1712



0.0000, 0.0000, 0.0000

Inverse Universe

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



79.1420, 8.3110, 41.0945



90.8380, 12.8979, 63.2861



97.5310, -22.4468, -33.7917



59.5490, 0.7153, 3.9035



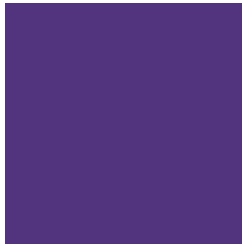
46.9360, 14.3286, 71.0931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 69.4060, 27.9008, 11.0449 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 69.4060, 27.9008, 11.0449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

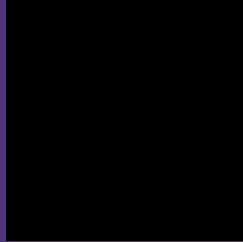
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.4060, 27.9008, 11.0449

Background



This preview shows how black text looks on a background with the YUV color 69.4060, 27.9008, 11.0449.



This preview shows how white text looks on a background with the YUV color 69.4060, 27.9008,

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

69.4060, 27.9008, 11.0449

Protanopia

54.7020, 42.0519, -47.9737

Deuteranopia

58.2980, 31.4051, -39.7263



Tritanopia

68.7660, 1.5944, 1.9592

Trichromacy



Original Color

69.4060, 27.9008, 11.0449

Protanomaly

60.1670, 36.8927, -26.4565

Deuteranomaly

62.3650, 29.8931, -21.3681

Tritanomaly

69.3070, 11.1876, 4.9928

Monochromacy



Original Color

69.4060, 27.9008, 11.0449

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.3670, 10.1721, 4.0631

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.4060, 27.9008, 11.0449 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(82, 52, 126)` looks like.

```
.text, #text, p{  
    color:rgb(82, 52, 126)  
}
```

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(82, 52, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 52, 126) }
```

Border

The CSS property to change the border of an element to YUV 69.4060, 27.9008, 11.0449 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(82, 52, 126) }
```


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

```
.border{ border-color:rgb(82, 52, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 52, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 52, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 52, 126);  
box-shadow:4px 4px 4px 4px rgb(82, 52,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 69.4060, 27.9008, 11.0449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 52, 126) }
```

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

```
.background{ background-color: rgb(82, 52,  
126) }
```

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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