

Converting Colors

YUV(109.1040, 29.5287,
49.0208)

Have a look what the booklet for
YUV(109.1040, 29.5287, 49.0208)
contains.

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Color

**YUV(109.1040, 29.5287,
49.0208)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A545A9 |
| RGB | 165, 69, 169 |
| RGB Percent | 65%, 27%, 66% |
| CMY | 0.3529, 0.7294, 0.3373 |
| CMYK | 0.02, 0.59, 0.00, 0.34 |
| HSL | 298°, 42%, 47% |
| HSV | 298°, 59%, 66% |
| XYZ | 24.8066, 15.1201, 39.1471 |
| YIQ | 109.1040, 25.1160, 51.4520 |

Conversions

Conversions Part 2

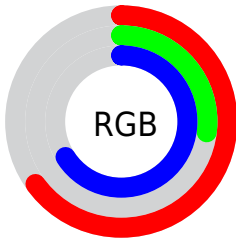
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 165, 69, 169 |
| Decimal | 10831273 |
| CIE _{Lab} | 45.80, 53.16, -35.67 |
| CIE _{LCh} | 46, 64.015, 326.141 |
| Yxy | 15.1201, 0.3137, 0.1912 |
| Android (android.graphics.Color) | 4289021353 (0xFFA545A9) |
| YUV | 109.1040, 29.5287, 49.0208 |
| Hunter-Lab | 38.8846, 45.8267, -32.4710 |

Details

The YUV color **109.1040, 29.5287, 49.0208** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **128.8960, -29.5287, -49.0208**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2290, 29.9601, 50.6652**, and **48.4620, 33.2962, 53.9688** is the 20% darker color. If you saturate the color by 10%, you get **98.8260, 34.5958, 57.1576**, and if you desaturate by 10%, it is **119.3820, 24.4617, 40.8840**.

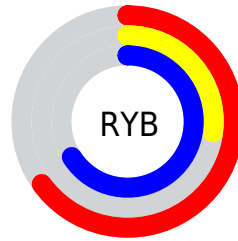
Distribution



Red (65%)

Green (27%)

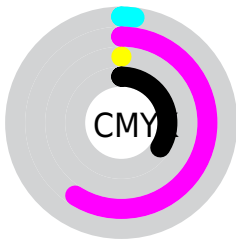
Blue (66%)



Red (65%)

Yellow (27%)

Blue (66%)

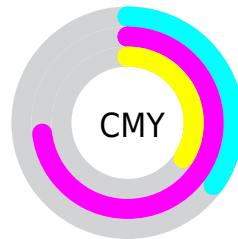


Cyan (2%)

Magenta (59%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (73%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.1040, 29.5287, 49.0208 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 109.1040, 29.5287, 49.0208 by changing the saturation by 10% instead.

109.1040, 29.5287,
49.0208

109.1040, 29.5287,
49.0208

255.0000, 0.0000,
0.0000

81.2180, 29.9655,
48.9208

164.2290, 29.9601,
50.6652

48.4620, 33.2962,
53.9688

192.2400, 29.9547,
52.4095

35.4900, 27.3664,
42.5433

209.8010, 22.2831,
39.6395

24.9800, 20.7159,
28.9585

226.2370, 14.1802,
25.2252

15.2960, 14.6441,
16.4034

243.2600, 5.7878,
10.2960

3.0950, 9.3202,
-2.7143

0.0000, 0.0000,

0.0000

■ 109.1040, 29.5287,
49.0208

■ 109.1040, 29.5287,
49.0208

■ 98.8260, 34.5958,
57.1576

■ 119.3820, 24.4617,
40.8840

■ 88.8470, 39.5154,
65.9092

■ 129.3610, 19.5420,
32.1324

■ 78.5690, 44.5825,
74.0460

■ 139.6390, 14.4750,
23.9956

■ 68.2910, 49.6495,
82.1828

■ 149.9170, 9.4079,
15.8588

■ 67.7040, 49.9389,
82.6976

■ 159.3090, 4.7777,
7.6220

■ 169.5870, -0.2894,
-0.5148

■ 179.8650, -5.3564,
-8.6516

■ 189.8440,
-10.2761, -17.4032

■ 200.1220,
-15.3431, -25.5400

Harmonies

Analogous

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



106.7350, 48.9376, -16.4306



109.1040, 29.5287, 49.0208



99.0690, 9.3330, 86.7625

Triad

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



109.1040, 29.5287, 49.0208



102.0110, -50.2914, 30.6854



95.0400, 29.0673, -83.3501

Complementary

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



109.1040, 29.5287, 49.0208



128.8960, -29.5287, -49.0208

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.



88.2970, 5.7696, -77.4365



109.1040, 29.5287, 49.0208



95.5670, -47.1145, -8.3903

Square

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



109.1040, 29.5287, 49.0208



101.1970, -45.4531, 65.6022



80.0380, -18.2597, -70.1933



97.5940, 49.0072, -85.5899

Rectangle

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



109.1040, 29.5287, 49.0208



97.3350, -7.5602, 91.7912



80.0380, -18.2597, -70.1933



93.1020, 21.6417, -81.6505

Sweetspot

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



109.1040, 29.5287, 49.0208



195.8080, 11.4337, 19.4624



83.3350, 42.2328, -12.5718



95.6130, 7.0928, 11.7404



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



109.1040, 29.5287, 49.0208



126.2210, 45.7400, 76.1052



105.1700, 9.2832, 55.9789



79.3040, 2.3151, 4.1184



59.3300, 43.7143, 72.5016



8.2600, 5.7878, 10.2960

Inverse Universe

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



99.3560, -12.9935, 61.0778



111.0290, -20.2273, 94.6906



132.8300, -9.2832, -55.9789



78.3920, -1.1793, 4.9182



44.9360, -19.1954, 90.3871



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 109.1040, 29.5287, 49.0208 looks on a white background.

Color Contrast Check

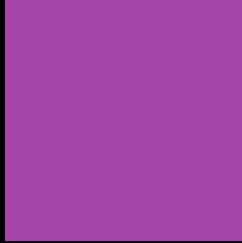
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.1040, 29.5287, 49.0208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

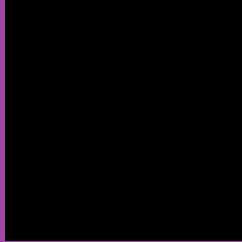
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.1040, 29.5287, 49.0208

Background



This preview shows how black text looks on a background with the YUV color 109.1040, 29.5287, 49.0208.



This preview shows how white text looks on a background with the YUV color 109.1040, 29.5287, 49.0208.

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

109.1040, 29.5287, 49.0208

Protanopia

102.7060, 49.4449, -39.2072

Deuteranopia

107.2790, 26.9775, -19.5387



Tritanopia

109.8310, -6.8187, 40.4902

Trichromacy



Original Color

109.1040, 29.5287, 49.0208

Protanomaly

105.3680, 42.2166, -7.3387

Deuteranomaly

108.0740, 28.0645, 5.1971

Tritanomaly

109.6970, 6.5584, 43.2387

Monochromacy



Original Color

109.1040, 29.5287, 49.0208

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.6830, 11.0023, 17.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.1040, 29.5287, 49.0208 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(165, 69, 169)` looks like.

```
.text, #text, p{  
    color:rgb(165, 69, 169)  
}
```

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(165, 69, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 69, 169) }
```

Border

The CSS property to change the border of an element to YUV 109.1040, 29.5287, 49.0208 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(165, 69, 169) }
```


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

```
.border{ border-color:rgb(165, 69, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 69, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 69, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 69, 169);  
box-shadow:4px 4px 4px 4px rgb(165, 69,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 109.1040, 29.5287, 49.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 69, 169) }
```

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

```
.background{ background-color: rgb(165, 69,  
169) }
```

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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