

Converting Colors

XYZ(29.1732, 28.4026, 39.0621)

Have a look what the booklet for
XYZ(29.1732, 28.4026, 39.0621)
contains.

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Color

**XYZ(29.1746, 28.4055,
39.0671)**

Conversions

Conversions Part 1

Format	Color
Hex	988DA4
RGB	152, 141, 164
RGB Percent	60%, 55%, 64%
CMY	0.4039, 0.4470, 0.3569
CMYK	0.07, 0.14, 0.00, 0.36
HSL	269°, 11%, 60%
HSV	269°, 14%, 64%
XYZ	29.1746, 28.4055, 39.0671
YIQ	146.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

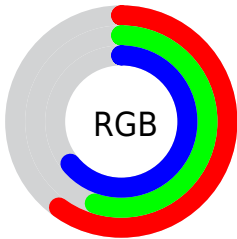
Format	Color
R_{YB}	152, 141, 164
Decimal	9997732
CIE Lab	60.25, 8.60, -10.65
CIE LCh	60, 13.688, 308.942
Yxy	28.4055, 0.3019, 0.2939
Android (android.graphics.Color)	4288187812 (0xFF988DA4)
YUV	146.9110, 8.4249, 4.4631
Hunter-Lab	53.2968, 4.4412, -6.1524

Details

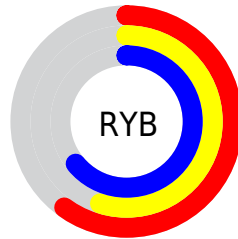
The XYZ color **29.1746, 28.4055, 39.0671** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2211, 35.2471, 30.3586**, and the grayscale version is **27.6637, 29.1043, 31.6946**.

A 20% lighter version of the original color is **57.7549, 57.2665, 75.0274**, and **12.0325, 11.4187, 16.8991** is the 20% darker color. If you saturate the color by 10%, you get **25.3891, 23.1267, 38.2481**, and if you desaturate by 10%, it is **33.4354, 34.4624, 40.0121**.

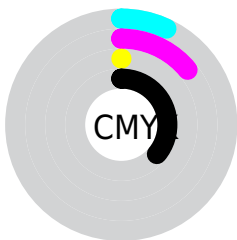
Distribution



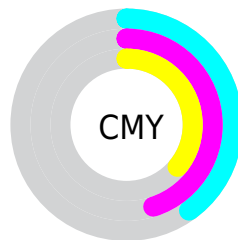
- Red (60%)
- Green (55%)
- Blue (64%)



- Red (60%)
- Yellow (55%)
- Blue (64%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1746, 28.4055, 39.0671 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 XYZ color 29.1746, 28.4055, 39.0671 by changing the saturation by 10% instead.

■ 29.1746, 28.4055,
39.0671

■ 29.1746, 28.4055,
39.0671

290.0172,
294.3995, 357.6102

■ 19.3579, 18.6316,
26.5037

■ 57.7500, 57.1312,
74.9623

■ 12.0347, 11.4044,
16.9717

■ 77.2394, 76.8517,
99.1311

■ 6.8397, 6.3395,
10.0526

■ 100.6838,
100.6566, 128.0056

■ 3.4075, 3.0526,
5.3278

128.4485,
128.9302, 162.0041

■ 1.3727, 1.1593,
2.3787

160.8988,
162.0568, 201.5453

■ 0.2367, 0.0280,
0.7748

198.4001,

■ 0.0000, 0.0000,

200.4210, 247.0477

0.0000

241.3178,
244.4071, 298.9298

■ 29.1746, 28.4055,
39.0671

■ 29.1746, 28.4055,
39.0671

■ 25.3891, 23.1267,
38.2481

■ 33.4354, 34.4624,
40.0121

■ 22.0584, 18.5899,
37.5480

■ 38.1862, 41.3246,
41.0862

■ 19.1639, 14.7613,
36.9616

■ 43.4438, 49.0220,
42.2949

■ 16.6847, 11.6030,
36.4826

■ 49.2237, 57.5824,
43.6425

■ 14.5981, 9.0734,
36.1043

■ 55.5406, 67.0318,
45.1335

■ 12.8789, 7.1263,
35.8191

■ 62.4087, 77.3954,
46.7719

■ 11.4984, 5.7086,
35.6182

■ 69.5843, 88.1830,
48.4759

■ 10.4226, 4.7569,
35.4912

■ 72.1156, 89.4879,
48.5944

■ 9.8779, 4.3182,
35.4353

■ 74.7796, 90.8613,
48.7191

Harmonies

Analogous

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



27.5262, 28.4055, 41.4865



29.1746, 28.4055, 39.0671



30.2703, 28.4055, 34.5313

Triad

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



29.1746, 28.4055, 39.0671



28.2288, 28.4055, 22.7613



23.8017, 28.4055, 32.4546

Complementary

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



29.1746, 28.4055, 39.0671



31.2211, 35.2471, 30.3586

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.



23.9716, 28.4055, 27.5859



29.1746, 28.4055, 39.0671



26.4777, 28.4055, 22.3338

Square

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



29.1746, 28.4055, 39.0671



29.7080, 28.4055, 25.2457



24.9335, 28.4055, 24.0073



24.4591, 28.4055, 37.4064

Rectangle

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



29.1746, 28.4055, 39.0671



30.5134, 28.4055, 31.1075



24.9335, 28.4055, 24.0073



23.7646, 28.4055, 30.7507

Sweetspot

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



29.1755, 28.4067, 39.0677



60.6473, 62.4928, 72.6182



29.1213, 31.2140, 39.6124



13.1299, 13.4777, 15.8470



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.1755, 28.4067, 39.0677



50.5983, 48.2497, 70.3986



31.3786, 29.5425, 39.1708



7.0076, 7.0183, 8.8884



7.6283, 3.3390, 27.1722



0.2148, 0.0983, 0.5735

Inverse Universe

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



30.5855, 29.2434, 34.1710



53.7214, 50.1034, 59.5346



29.1995, 34.2049, 30.2639



7.2209, 7.1448, 8.1496



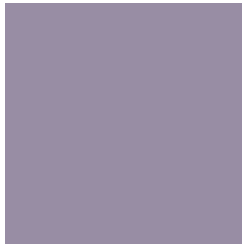
13.0378, 6.5712, 7.3899



0.2977, 0.1476, 0.2803

Previews

White Background



This preview shows how the XYZ color 29.1746, 28.4055, 39.0671 looks on a white background.

Color Contrast Check

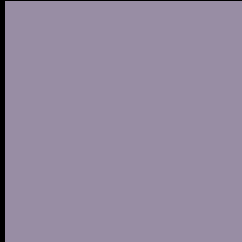
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.1746, 28.4055, 39.0671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

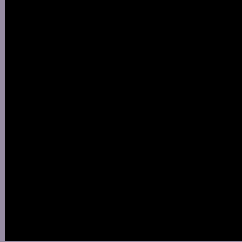
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1746, 28.4055, 39.0671

Background



This preview shows how black text looks on a background with the XYZ color 29.1746, 28.4055, 39.0671.



This preview shows how white text looks on a background with the XYZ color 29.1746, 28.4055,

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

29.1746, 28.4055, 39.0671

Protanopia

28.0115, 28.4505, 40.0915

Deuteranopia

28.9882, 28.3094, 39.0584



Tritanopia

28.2329, 28.4620, 34.5775

Trichromacy



Original Color

29.1746, 28.4055, 39.0671

Protanomaly

28.4681, 28.4725, 39.5926

Deuteranomaly

28.9882, 28.3094, 39.0584

Tritanomaly

28.6071, 28.3939, 36.3206

Monochromacy



Original Color

29.1746, 28.4055, 39.0671

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2696, 28.9403, 34.2331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1746, 28.4055, 39.0671 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(152, 141, 164)` looks like.

```
.text, #text, p{  
    color:rgb(152, 141, 164)  
}
```

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(152, 141, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 141, 164) }
```

Border

The CSS property to change the border of an element to XYZ 29.1746, 28.4055, 39.0671 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(152, 141, 164) }
```


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

```
.border{ border-color:rgb(152, 141, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 141, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 141, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 141, 164);  
box-shadow:4px 4px 4px 4px rgb(152, 141,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1746, 28.4055, 39.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 141, 164) }
```

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

```
.background{ background-color: rgb(152,  
141, 164) }
```

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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