

Converting Colors

XYZ(29.8225, 27.7430, 34.2514)

Have a look what the booklet for
XYZ(29.8225, 27.7430, 34.2514)
contains.

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Color

**XYZ(29.9467, 27.8339,
34.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	A4889A
RGB	164, 136, 154
RGB Percent	64%, 53%, 60%
CMY	0.3569, 0.4667, 0.3961
CMYK	0.00, 0.17, 0.06, 0.36
HSL	321°, 13%, 59%
HSV	321°, 17%, 64%
XYZ	29.9467, 27.8339, 34.3660
YIQ	146.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

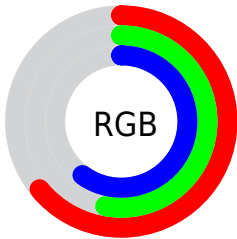
Format	Color
RYB	164, 136, 154
Decimal	10782874
CIELab	59.74, 13.77, -5.59
CIELCh	60, 14.863, 337.915
Yxy	27.8339, 0.3250, 0.3021
Android (android.graphics.Color)	4288972954 (0xFFA4889A)
YUV	146.4240, 3.7350, 15.4142
Hunter-Lab	52.7578, 8.9949, -1.6905

Details

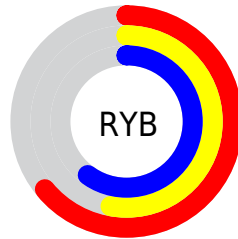
The XYZ color **29.9467, 27.8339, 34.3660** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.6181, 33.8612, 32.2231**, and the grayscale version is **27.4783, 28.9093, 31.4822**.

A 20% lighter version of the original color is **58.7962, 56.0093, 67.3865**, and **12.4581, 11.0796, 14.3139** is the 20% darker color. If you saturate the color by 10%, you get **27.3356, 23.3731, 31.1472**, and if you desaturate by 10%, it is **32.9367, 33.0135, 37.8292**.

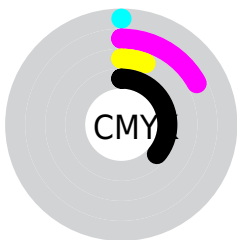
Distribution



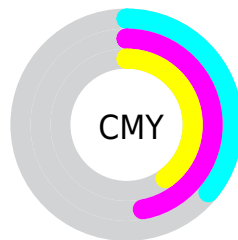
- Red (64%)
- Green (53%)
- Blue (60%)



- Red (64%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9467, 27.8339, 34.3660 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 29.9467, 27.8339, 34.3660 by changing the saturation by 10% instead.

■ 29.9467, 27.8339,
34.3660

■ 29.9467, 27.8339,
34.3660

293.5702,
291.6724, 336.5798

■ 19.9460, 18.2005,
22.8953

■ 58.9651, 56.2191,
67.6428

■ 12.4638, 11.0940,
14.3116

■ 78.7135, 75.7398,
90.2860

■ 7.1348, 6.1301,
8.1965

■ 102.4418, 99.3249,
117.4904

■ 3.5936, 2.9244,
4.1314

130.5155,
127.3590, 149.6746

■ 1.4749, 1.0924,
1.6977

163.2998,
160.2264, 187.2571

■ 0.3087, 0.0000,
0.3591

201.1601,

■ 0.0000, 0.0000,

198.3115, 230.6564

0.0000

244.4618,
241.9987, 280.2911

■ 29.9467, 27.8339,
34.3660

■ 29.9467, 27.8339,
34.3660

■ 27.3356, 23.3731,
31.1472

■ 32.9367, 33.0135,
37.8292

■ 25.0845, 19.5953,
28.1639

■ 36.3185, 38.9384,
41.5418

■ 23.1767, 16.4670,
25.4093

■ 40.1072, 45.6382,
45.5107

■ 21.5931, 13.9506,
22.8750

■ 44.3167, 53.1397,
49.7421

■ 20.3127, 12.0046,
20.5525

■ 48.9599, 61.4685,
54.2419

■ 19.3116, 10.5820,
18.4318

■ 54.0493, 70.6492,
59.0158

■ 18.5624, 9.6286,
16.5022

■ 59.5969, 80.7051,
64.0691

■ 18.0233, 9.0613,
14.7476

■ 61.5964, 83.6232,
68.0679

■ 17.8816, 8.9213,
14.2587

■ 62.2983, 83.9039,
71.7637

Harmonies

Analogous

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



28.7383, 27.8339, 39.2253



29.9467, 27.8339, 34.3660



30.1980, 27.8339, 28.9036

Triad

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



29.9467, 27.8339, 34.3660



25.9608, 27.8339, 21.1688



23.7058, 27.8339, 37.1204

Complementary

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



29.9467, 27.8339, 34.3660



28.6181, 33.8612, 32.2231

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.



23.0354, 27.8339, 31.7538



29.9467, 27.8339, 34.3660



24.2965, 27.8339, 22.8536

Square

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



29.9467, 27.8339, 34.3660



27.8372, 27.8339, 21.6932



23.2464, 27.8339, 26.5798



25.1199, 27.8339, 40.9422

Rectangle

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



29.9467, 27.8339, 34.3660



29.7783, 27.8339, 25.7153



23.2464, 27.8339, 26.5798



23.3891, 27.8339, 35.4137

Sweetspot

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



29.9475, 27.8351, 34.3666



60.9414, 61.9418, 69.9618



27.3246, 26.3827, 38.7745



13.2373, 13.3921, 15.1993



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.



29.9475, 27.8351, 34.3666



52.7180, 47.7071, 60.4010



28.8633, 27.4015, 28.6574



7.2564, 7.1590, 8.3366



13.7339, 6.8496, 11.0555



0.3098, 0.1524, 0.3443

Inverse Universe

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



29.9475, 27.8351, 34.3666



52.7180, 47.7071, 60.4010



29.7573, 34.3168, 38.2220



7.2564, 7.1590, 8.3366



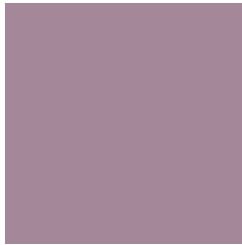
13.7339, 6.8496, 11.0555



0.3098, 0.1524, 0.3443

Previews

White Background



This preview shows how the XYZ color 29.9467, 27.8339, 34.3660 looks on a white background.

Color Contrast Check

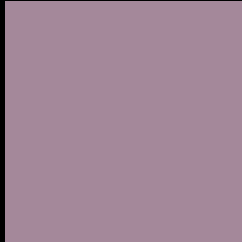
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9467, 27.8339, 34.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

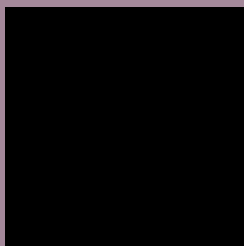
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9467, 27.8339, 34.3660

Background



This preview shows how black text looks on a background with the XYZ color 29.9467, 27.8339, 34.3660.



This preview shows how white text looks on a background with the XYZ color 29.9467, 27.8339,

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

29.9467, 27.8339, 34.3660

Protanopia

27.1493, 27.8643, 36.2952

Deuteranopia

28.4543, 27.9261, 34.0276



Tritanopia

29.3952, 27.8160, 31.8367

Trichromacy



Original Color

29.9467, 27.8339, 34.3660

Protanomaly

28.0416, 27.6745, 35.7621

Deuteranomaly

29.0829, 28.0342, 34.0153

Tritanomaly

29.5549, 27.8799, 32.6778

Monochromacy



Original Color

29.9467, 27.8339, 34.3660

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.2347, 28.2882, 32.4058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9467, 27.8339, 34.3660 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(164, 136, 154)` looks like.

```
.text, #text, p{  
    color:rgb(164, 136, 154)  
}
```

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(164, 136, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 136, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.9467, 27.8339, 34.3660 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(164, 136, 154) }
```


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

```
.border{ border-color:rgb(164, 136, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 136, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 136, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 136, 154);  
box-shadow:4px 4px 4px 4px rgb(164, 136,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9467, 27.8339, 34.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 136, 154) }
```

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

```
.background{ background-color: rgb(164,  
136, 154) }
```

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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