

Converting Colors

XYZ(27.8307, 27.0205, 40.9411)

Have a look what the booklet for
XYZ(27.8307, 27.0205, 40.9411)
contains.

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Color

**XYZ(27.8334, 27.0239,
40.7949)**

Conversions

Conversions Part 1

Format	Color
Hex	918AA8
RGB	145, 138, 168
RGB Percent	57%, 54%, 66%
CMY	0.4314, 0.4588, 0.3412
CMYK	0.14, 0.18, 0.00, 0.34
HSL	254°, 15%, 60%
HSV	254°, 18%, 66%
XYZ	27.8334, 27.0239, 40.7949
YIQ	143.5130, -5.4580, 10.8140

Conversions

Conversions Part 2

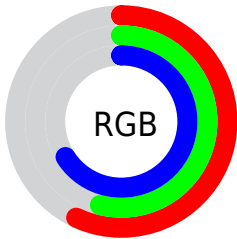
Format	Color
RYB	145, 138, 168
Decimal	9538216
CIELab	59.00, 8.77, -14.88
CIELCh	59, 17.271, 300.520
Yxy	27.0239, 0.2910, 0.2825
Android (android.graphics.Color)	4287728296 (0xFF918AA8)
YUV	143.5130, 12.0721, 1.3041
Hunter-Lab	51.9845, 4.5991, -10.1387

Details

The XYZ color **27.8334, 27.0239, 40.7949** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.2890, 37.4180, 29.5140**, and the grayscale version is **26.2690, 27.6370, 30.0967**.

A 20% lighter version of the original color is **55.5033, 54.7314, 77.4509**, and **11.2582, 10.6201, 17.9795** is the 20% darker color. If you saturate the color by 10%, you get **23.4646, 21.4667, 39.9529**, and if you desaturate by 10%, it is **32.8341, 33.4617, 41.7744**.

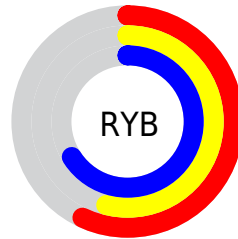
Distribution



Red (57%)

Green (54%)

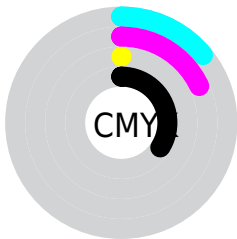
Blue (66%)



Red (57%)

Yellow (54%)

Blue (66%)

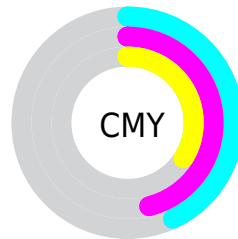


Cyan (14%)

Magenta (18%)

Yellow (0%)

Black (34%)



Cyan (43%)

Magenta (46%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8334, 27.0239, 40.7949 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 27.8334, 27.0239, 40.7949 by changing the saturation by 10% instead.

■ 27.8334, 27.0239,
40.7949

■ 27.8334, 27.0239,
40.7949

283.7645,
287.7728, 365.1139

■ 18.3399, 17.5912,
27.8404

■ 55.6289, 54.9222,
77.6227

■ 11.2955, 10.6569,
17.9674

■ 74.6615, 74.1566,
102.3331

■ 6.3347, 5.8366,
10.7574

■ 97.6047, 97.4270,
131.7992

■ 3.0922, 2.7460,
5.7918

124.8236,
125.1178, 166.4395

■ 1.2027, 1.0006,
2.6522

156.6837,
157.6134, 206.6726

■ 0.1085, 0.0000,
0.9192

193.5503,

■ 0.0000, 0.0000,

195.2981, 252.9170

0.0000

235.7888,
238.5565, 305.5912

■ 27.8334, 27.0239,
40.7949

■ 27.8334, 27.0239,
40.7949

■ 23.4646, 21.4667,
39.9529

■ 32.8341, 33.4617,
41.7744

■ 19.6996, 16.7481,
39.2406

■ 38.4882, 40.8130,
42.8953

■ 16.5118, 12.8279,
38.6519

■ 44.8196, 49.1129,
44.1637

■ 13.8714, 9.6608,
38.1798

■ 51.8499, 58.3937,
45.5845

■ 11.7461, 7.1974,
37.8163

■ 59.5998, 68.6865,
47.1627

10.1000, 5.3817,
37.5526

68.0893, 80.0205,
48.9030

8.8918, 4.1494,
37.3784

77.1444, 92.0380,
50.7453

8.0600, 3.3967,
37.2770

81.5567, 94.3126,
50.9518

7.9119, 3.2623,
37.2588

84.0680, 95.6072,
51.0694

Harmonies

Analogous

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



25.7228, 27.0239, 42.8593



27.8334, 27.0239, 40.7949



29.4386, 27.0239, 35.6165

Triad

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



27.8334, 27.0239, 40.7949



27.7651, 27.0239, 20.3076



21.7847, 27.0239, 29.5316

Complementary

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



27.8334, 27.0239, 40.7949



33.2890, 37.4180, 29.5140

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.



22.2656, 27.0239, 23.9952



27.8334, 27.0239, 40.7949



25.6480, 27.0239, 19.1390

Square

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



27.8334, 27.0239, 40.7949



29.3977, 27.0239, 23.8337



23.6509, 27.0239, 20.3913



22.2996, 27.0239, 35.8275

Rectangle

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



27.8334, 27.0239, 40.7949



29.9639, 27.0239, 31.4093



23.6509, 27.0239, 20.3913



21.8349, 27.0239, 27.5250

Sweetspot

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



27.8342, 27.0250, 40.7955



62.2967, 64.2386, 76.3410



30.3824, 33.8961, 41.9874



13.4323, 13.8122, 16.6102



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.8342, 27.0250, 40.7955



47.5815, 45.3014, 73.4613



30.5547, 28.4275, 40.9228



7.2895, 7.3819, 9.4590



6.0137, 2.4836, 28.1379



0.1894, 0.0827, 0.6866

Inverse Universe

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



31.6709, 29.0762, 37.6626



55.7485, 49.6701, 66.6833



30.5341, 35.9978, 29.3851



7.7659, 7.6362, 9.0846



15.1978, 7.4878, 16.3848



0.3876, 0.1893, 0.4924

Previews

White Background



This preview shows how the XYZ color 27.8334, 27.0239, 40.7949 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 27.8334, 27.0239, 40.7949 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 27.8334, 27.0239, 40.7949

Background



This preview shows how black text looks on a background with the XYZ color 27.8334, 27.0239, 40.7949.



This preview shows how white text looks on a background with the XYZ color 27.8334, 27.0239,

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

27.8334, 27.0239, 40.7949

Protanopia

26.9339, 27.1863, 41.8581

Deuteranopia

27.6282, 27.1320, 40.8266



Tritanopia

26.3477, 27.0675, 33.5416

Trichromacy



Original Color

27.8334, 27.0239, 40.7949

Protanomaly

27.1870, 27.1097, 41.3359

Deuteranomaly

27.8021, 27.2217, 40.8348

Tritanomaly

26.8773, 27.0644, 36.1551

Monochromacy



Original Color

27.8334, 27.0239, 40.7949

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9244, 27.5752, 34.0405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8334, 27.0239, 40.7949 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(145, 138, 168)` looks like.

```
.text, #text, p{  
    color:rgb(145, 138, 168)  
}
```

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(145, 138, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 138, 168) }
```

Border

The CSS property to change the border of an element to XYZ 27.8334, 27.0239, 40.7949 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(145, 138, 168) }
```


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

```
.border{ border-color:rgb(145, 138, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 138, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 138, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 138, 168);  
box-shadow:4px 4px 4px 4px rgb(145, 138,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8334, 27.0239, 40.7949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 138, 168) }
```

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

```
.background{ background-color: rgb(145,  
138, 168) }
```

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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