

Converting Colors

XYZ(27.1540, 18.3781, 40.4338)

Have a look what the booklet for
XYZ(27.1540, 18.3781, 40.4338)
contains.

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Color

**XYZ(27.2026, 18.3547,
40.6372)**

Conversions

Conversions Part 1

Format	Color
Hex	A958AB
RGB	169, 88, 171
RGB Percent	66%, 35%, 67%
CMY	0.3372, 0.6549, 0.3294
CMYK	0.01, 0.49, 0.00, 0.33
HSL	299°, 33%, 51%
HSV	299°, 49%, 67%
XYZ	27.2026, 18.3547, 40.6372
YIQ	121.6810, 21.6330, 42.9850

Conversions

Conversions Part 2

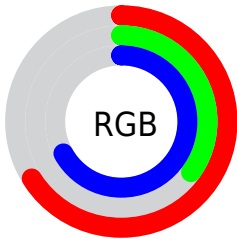
Format	Color
R_{YB}	169, 88, 171
Decimal	11098283
CIE _{Lab}	49.92, 45.35, -30.34
CIE _{LCh}	50, 54.561, 326.222
Yxy	18.3547, 0.3156, 0.2129
Android (android.graphics.Color)	4289288363 (0xFFA958AB)
YUV	121.6810, 24.3143, 41.4988
Hunter-Lab	42.8424, 38.3637, -26.2486

Details

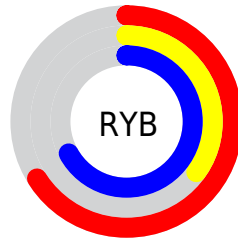
The XYZ color **27.2026, 18.3547, 40.6372** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **20.5414, 32.0045, 14.3282**, and the grayscale version is **18.3138, 19.2675, 20.9823**.

A 20% lighter version of the original color is **54.7540, 40.7646, 77.6555**, and **10.9711, 6.2146, 17.7608** is the 20% darker color. If you saturate the color by 10%, you get **25.8721, 15.8242, 40.2192**, and if you desaturate by 10%, it is **28.8639, 21.5454, 41.1658**.

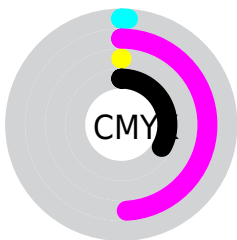
Distribution



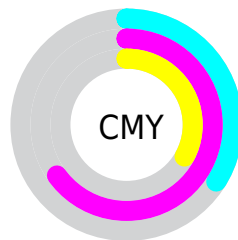
- Red (66%)
- Green (35%)
- Blue (67%)



- Red (66%)
- Yellow (35%)
- Blue (67%)



- Cyan (1%)
- Magenta (49%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2026, 18.3547, 40.6372 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 27.2026, 18.3547, 40.6372 by changing the saturation by 10% instead.

27.2026, 18.3547,
40.6372

27.2026, 18.3547,
40.6372

280.7864,
242.8628, 364.4336

17.8628, 11.2049,
27.7181

54.6264, 40.6408,
77.3805

10.9506, 6.2049,
17.8761

73.4411, 56.5459,
102.0419

6.1007, 2.9700,
10.6926

96.1449, 76.1383,
131.4544

2.9476, 1.1161,
5.7489

123.1030, 99.8023,
166.0366

1.1261, 0.0000,
2.6267

154.6809,
127.9224, 206.2072

0.0468, 0.0000,
0.9062

191.2438,

0.0000, 0.0000,

160.8829, 252.3845

0.0000

233.1572,
199.0682, 304.9871

■ 27.2026, 18.3547,
40.6372

■ 27.2026, 18.3547,
40.6372

■ 25.8721, 15.8242,
40.2192

■ 28.8639, 21.5454,
41.1658

■ 24.8470, 13.9047,
39.9027

■ 30.8751, 25.4361,
41.8107

■ 24.1017, 12.5442,
39.6794

■ 33.2563, 30.0662,
42.5789

■ 23.6051, 11.6808,
39.5389

■ 36.0253, 35.4716,
43.4763

■ 23.3019, 11.2038,
39.4628

■ 39.1990, 41.6859,
44.5086

■ 23.2620, 11.1429,
39.4531

■ 42.7931, 48.7406,
45.6808

■ 46.8225, 56.6655,
46.9981

■ 51.3015, 65.4892,
48.4652

■ 56.2436, 75.2386,
50.0865

Harmonies

Analogous

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



22.2732, 18.3547, 58.5184



27.2026, 18.3547, 40.6372



29.5170, 18.3547, 21.9424

Triad

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



27.2026, 18.3547, 40.6372



18.1162, 18.3547, 2.8265



9.8941, 18.3547, 35.5895

Complementary

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



27.2026, 18.3547, 40.6372



20.5414, 32.0045, 14.3282

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.



9.2166, 18.3547, 18.1479



27.2026, 18.3547, 40.6372



13.3714, 18.3547, 3.6888

Square

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



27.2026, 18.3547, 40.6372



23.6505, 18.3547, 4.3384



10.3548, 18.3547, 7.8744



12.4336, 18.3547, 54.7218

Rectangle

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



27.2026, 18.3547, 40.6372



28.9832, 18.3547, 12.9752



10.3548, 18.3547, 7.8744



9.4660, 18.3547, 29.1514

Sweetspot

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



27.2032, 18.3555, 40.6376



61.1040, 56.8572, 76.7559



15.0971, 12.4581, 40.1373



13.4090, 12.2553, 17.0465



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.2032, 18.3555, 40.6376



46.2330, 28.1471, 71.9981



24.4680, 17.3114, 23.9782



8.3177, 8.1381, 10.0851



17.5427, 8.4035, 29.7419



0.4939, 0.2368, 0.8277

Inverse Universe

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



22.1303, 16.3763, 11.6681



36.1323, 24.2154, 13.9029



22.4014, 32.7264, 25.1246



8.0128, 8.0184, 8.3781



12.6805, 6.5347, 0.6971



0.3552, 0.1828, 0.0324

Previews

White Background



This preview shows how the XYZ color 27.2026, 18.3547, 40.6372 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 XYZ color 27.2026, 18.3547, 40.6372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

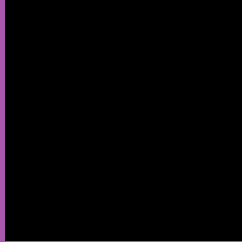
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2026, 18.3547, 40.6372

Background



This preview shows how black text looks on a background with the XYZ color 27.2026, 18.3547, 40.6372.



This preview shows how white text looks on a background with the XYZ color 27.2026, 18.3547,

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

27.2026, 18.3547, 40.6372

Protanopia

20.2361, 18.7374, 54.1799

Deuteranopia

19.0703, 18.6531, 38.6717



Tritanopia

22.2638, 18.2056, 17.0925

Trichromacy



Original Color

27.2026, 18.3547, 40.6372

Protanomaly

21.3531, 17.6351, 48.7329

Deuteranomaly

21.2277, 17.9317, 39.3881

Tritanomaly

23.7494, 18.1078, 24.0732

Monochromacy



Original Color

27.2026, 18.3547, 40.6372

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.9570, 18.5343, 27.2839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2026, 18.3547, 40.6372 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(169, 88, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 88, 171)  
}
```

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(169, 88, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 88, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.2026, 18.3547, 40.6372 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(169, 88, 171) }
```


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

```
.border{ border-color:rgb(169, 88, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 88, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 88, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 88, 171);  
box-shadow:4px 4px 4px 4px rgb(169, 88,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2026, 18.3547, 40.6372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 88, 171) }
```

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

```
.background{ background-color: rgb(169, 88,  
171) }
```

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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