

Converting Colors

XYZ(27.3105, 18.4829, 40.4919)

Have a look what the booklet for
XYZ(27.3105, 18.4829, 40.4919)
contains.

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Color

**XYZ(27.2853, 18.5200,
40.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	A959AB
RGB	169, 89, 171
RGB Percent	66%, 35%, 67%
CMY	0.3372, 0.6510, 0.3294
CMYK	0.01, 0.48, 0.00, 0.33
HSL	299°, 33%, 51%
HSV	299°, 48%, 67%
XYZ	27.2853, 18.5200, 40.6647
YIQ	122.2680, 21.3580, 42.4620

Conversions

Conversions Part 2

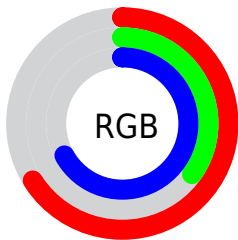
Format	Color
R_{YB}	169, 89, 171
Decimal	11098539
CIE _{Lab}	50.12, 44.83, -30.03
CIE _{LCh}	50, 53.960, 326.188
Yxy	18.5200, 0.3155, 0.2142
Android (android.graphics.Color)	4289288619 (0xFFA959AB)
YUV	122.2680, 24.0249, 40.9840
Hunter-Lab	43.0349, 37.8629, -25.9002

Details

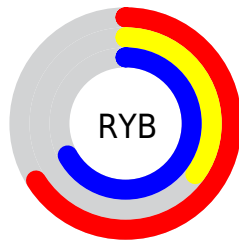
The XYZ color **27.2853, 18.5200, 40.6647** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **20.6809, 32.0716, 14.5524**, and the grayscale version is **18.5058, 19.4695, 21.2023**.

A 20% lighter version of the original color is **54.9022, 41.0608, 77.7049**, and **11.0018, 6.2760, 17.7711** is the 20% darker color. If you saturate the color by 10%, you get **25.9351, 15.9517, 40.2404**, and if you desaturate by 10%, it is **28.9676, 21.7511, 41.2000**.

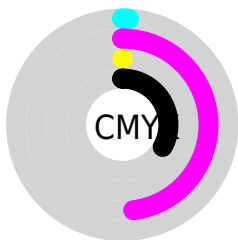
Distribution



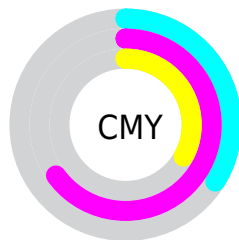
- Red (66%)
- Green (35%)
- Blue (67%)



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



- Cyan (1%)
- Magenta (48%)
- Yellow (0%)
- Black (33%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2853, 18.5200, 40.6647 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 27.2853, 18.5200, 40.6647 by changing the saturation by 10% instead.

 27.2853, 18.5200,
40.6647


 27.2853, 18.5200,
40.6647


281.1783,
243.7859, 364.5523


 17.9253, 11.3240,
27.7395


 54.7580, 40.9214,
77.4228


 10.9957, 6.2852,
17.8920


 73.6014, 56.8956,
102.0927

 6.1312, 3.0193,
10.7039


 96.3367, 76.5646,
131.5145

 2.9665, 1.1418,
5.7564

 123.3292,
100.3128, 166.1069

 1.1361, 0.0134,
2.6312

154.9442,
128.5247, 206.2883

 0.0550, 0.0000,
0.9085

191.5472,

 0.0000, 0.0000,

161.5845, 252.4774

0.0000

233.5034,
199.8768, 305.0925

■ 27.2853, 18.5200,
40.6647

■ 27.2853, 18.5200,
40.6647

■ 25.9351, 15.9517,
40.2404

■ 28.9676, 21.7511,
41.2000

■ 24.8918, 13.9973,
39.9181

■ 31.0010, 25.6845,
41.8520

■ 24.1299, 12.6052,
39.6896

■ 33.4054, 30.3595,
42.6277

■ 23.6187, 11.7141,
39.5445

■ 36.1987, 35.8119,
43.5328

■ 23.3077, 11.2228,
39.4661

■ 39.3976, 42.0750,
44.5731

■ 23.2516, 11.1375,
39.4526

■ 43.0178, 49.1803,
45.7538

■ 47.0742, 57.1576,
47.0798

■ 51.5810, 66.0352,
48.5558

■ 56.5517, 75.8401,
50.1864

Harmonies

Analogous

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



22.3941, 18.5200, 58.3192



27.2853, 18.5200, 40.6647



29.5822, 18.5200, 22.1293

Triad

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



27.2853, 18.5200, 40.6647



18.2758, 18.5200, 2.9635



10.0687, 18.5200, 35.6255

Complementary

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



27.2853, 18.5200, 40.6647



20.6809, 32.0716, 14.5524

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.



9.3925, 18.5200, 18.3207



27.2853, 18.5200, 40.6647



13.5487, 18.5200, 3.8387

Square

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



27.2853, 18.5200, 40.6647



23.7732, 18.5200, 4.5038



10.5337, 18.5200, 8.0595



12.6046, 18.5200, 54.5396

Rectangle

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



27.2853, 18.5200, 40.6647



29.0563, 18.5200, 13.1893



10.5337, 18.5200, 8.0595



9.6409, 18.5200, 29.2479

Sweetspot

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



27.2859, 18.5208, 40.6651



61.5970, 57.8231, 76.9163



15.2753, 12.6731, 40.1694



13.5096, 12.4525, 17.0792



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.



27.2859, 18.5208, 40.6651



46.2218, 28.1413, 71.9975



24.5827, 17.4895, 24.1747



8.3175, 8.1380, 10.0851



17.5350, 8.3995, 29.7416



0.4937, 0.2367, 0.8277

Inverse Universe

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



22.2558, 16.5587, 11.9212



36.1340, 24.2160, 13.9119



22.5315, 32.7894, 25.3121



8.0129, 8.0184, 8.3786



12.6807, 6.5348, 0.6983



0.3553, 0.1828, 0.0326

Previews

White Background



This preview shows how the XYZ color 27.2853, 18.5200, 40.6647 looks on a white background.

Color Contrast Check

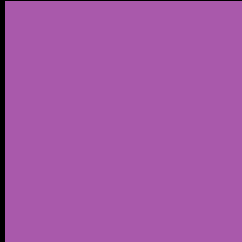
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2853, 18.5200, 40.6647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

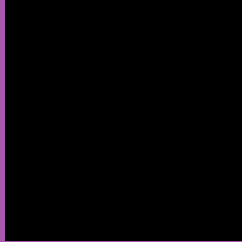
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2853, 18.5200, 40.6647

Background



This preview shows how black text looks on a background with the XYZ color 27.2853, 18.5200, 40.6647.



This preview shows how white text looks on a background with the XYZ color 27.2853, 18.5200,

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

27.2853, 18.5200, 40.6647

Protanopia

20.3314, 18.7866, 54.1843

Deuteranopia

19.1871, 18.7133, 38.6772



Tritanopia

22.4174, 18.4253, 17.4138

Trichromacy



Original Color

27.2853, 18.5200, 40.6647

Protanomaly

21.5918, 17.9121, 48.7737

Deuteranomaly

21.2277, 17.9317, 39.3881

Tritanomaly

23.9112, 18.3213, 24.4664

Monochromacy



Original Color

27.2853, 18.5200, 40.6647

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 27.2853, 18.5200, 40.6647 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, 89, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 89, 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, 89, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 89, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.2853, 18.5200, 40.6647 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, 89, 171) }
```


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

```
.border{ border-color:rgb(169, 89, 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, 89, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 89, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 89, 171);  
box-shadow:4px 4px 4px 4px rgb(169, 89,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2853, 18.5200, 40.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 89, 171) }
```

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

```
.background{ background-color: rgb(169, 89,  
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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