

Converting Colors

XYZ(27.1427, 16.1526, 47.0352)

Have a look what the booklet for
XYZ(27.1427, 16.1526, 47.0352)
contains.

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Color

**XYZ(27.1420, 16.1520,
47.0345)**

Conversions

Conversions Part 1

Format	Color
Hex	A945B8
RGB	169, 69, 184
RGB Percent	66%, 27%, 72%
CMY	0.3373, 0.7294, 0.2784
CMYK	0.08, 0.62, 0.00, 0.28
HSL	292°, 45%, 50%
HSV	292°, 62%, 72%
XYZ	27.1420, 16.1520, 47.0345
YIQ	112.0100, 22.6850, 56.9650

Conversions

Conversions Part 2

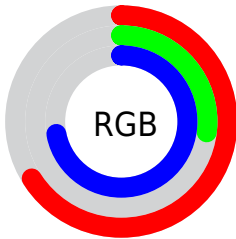
Format	Color
R _Y B	169, 69, 184
Decimal	11093432
CIE Lab	47.17, 56.96, -42.27
CIE LCh	47, 70.930, 323.422
Yxy	16.1520, 0.3005, 0.1788
Android (android.graphics.Color)	4289283512 (0xFFA945B8)
YUV	112.0100, 35.4911, 49.9802
Hunter-Lab	40.1896, 50.2182, -41.2554

Details

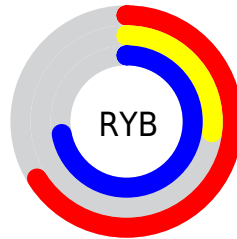
The XYZ color **27.1420, 16.1520, 47.0345** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **21.8714, 36.5959, 11.5420**, and the grayscale version is **15.2994, 16.0962, 17.5287**.

A 20% lighter version of the original color is **54.6387, 36.8477, 87.4516**, and **10.8393, 5.1224, 21.5365** is the 20% darker color. If you saturate the color by 10%, you get **25.6706, 13.9661, 46.6904**, and if you desaturate by 10%, it is **28.9749, 19.0459, 47.4967**.

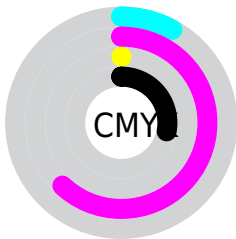
Distribution



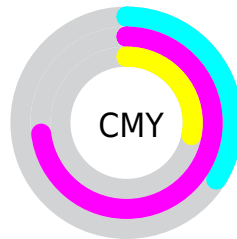
- Red (66%)
- Green (27%)
- Blue (72%)



- Red (66%)
- Yellow (27%)
- Blue (72%)



- Cyan (8%)
- Magenta (62%)
- Yellow (0%)
- Black (28%)



- Cyan (34%)
- Magenta (73%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1420, 16.1520, 47.0345 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 27.1420, 16.1520, 47.0345 by changing the saturation by 10% instead.

■ 27.1420, 16.1520,
47.0345

■ 27.1420, 16.1520,
47.0345

280.4990,
230.2370, 391.3500

■ 17.8170, 9.6318,
32.7084

■ 54.5299, 36.8619,
87.1156

■ 10.9176, 5.1555,
21.6339

■ 73.3236, 51.8203,
113.7077

■ 6.0783, 2.3388,
13.3924

■ 96.0042, 70.3603,
145.2256

■ 2.9339, 0.7941,
7.5654

■ 122.9372, 92.8662,
182.0877

■ 1.1189, 0.0000,
3.7344

■ 154.4877,
119.7224, 224.7127

■ 0.0408, 0.0000,
1.4808

191.0214,

■ 0.0000, 0.0000,

151.3134, 273.5190

0.2036

232.9033,
188.0234, 328.9253

■ 0.0000, 0.0000,
0.0000

■ 27.1420, 16.1520,
47.0345

■ 27.1420, 16.1520,
47.0345

■ 25.6706, 13.9661,
46.6904

■ 28.9749, 19.0459,
47.4967

■ 24.5252, 12.4187,
46.4521

■ 31.1970, 22.7045,
48.0858

■ 23.6661, 11.4301,
46.3065

■ 33.8352, 27.1810,
48.8108

■ 23.1491, 10.9343,
46.2381

■ 36.9134, 32.5235,
49.6798

■ 40.4538, 38.7761,
50.7000

■ 44.4772, 45.9801,
51.8785

■ 49.0028, 54.1741,
53.2216

■ 54.0489, 63.3946,
54.7353

■ 59.6329, 73.6763,
56.4256

Harmonies

Analogous

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



20.6317, 16.1520, 71.7057



27.1420, 16.1520, 47.0345



30.6200, 16.1520, 21.8233

Triad

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



27.1420, 16.1520, 47.0345



16.7676, 16.1520, 0.7600



6.7652, 16.1520, 35.0851

Complementary

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



27.1420, 16.1520, 47.0345



21.8714, 36.5959, 11.5420

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.



6.2520, 16.1520, 13.9374



27.1420, 16.1520, 47.0345



11.0599, 16.1520, 1.1463

Square

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



27.1420, 16.1520, 47.0345



23.6682, 16.1520, 1.9092



7.5926, 16.1520, 4.0300



9.2552, 16.1520, 62.1229

Rectangle

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



27.1420, 16.1520, 47.0345



30.2276, 16.1520, 10.7561



7.5926, 16.1520, 4.0300



6.3897, 16.1520, 26.8288

Sweetspot

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



27.1426, 16.1527, 47.0348



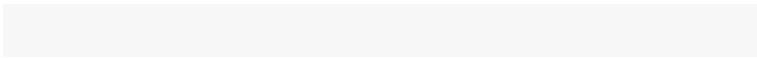
68.8632, 62.3787, 90.6154



14.3030, 11.1193, 46.7400



14.4692, 12.7866, 19.4271



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.1426, 16.1527, 47.0348



45.6888, 24.1345, 84.4550



26.7658, 16.3953, 27.2803



9.2626, 9.1017, 11.3481



15.9964, 7.5577, 31.8687



0.5963, 0.2831, 1.1250

Inverse Universe

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



23.4961, 15.0874, 10.0622



39.0211, 22.3270, 10.5124



22.4738, 36.6980, 20.9870



9.0510, 9.0308, 9.6161



13.7522, 7.0746, 1.3161



0.5003, 0.2556, 0.1280

Previews

White Background



This preview shows how the XYZ color 27.1420, 16.1520, 47.0345 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 27.1420, 16.1520, 47.0345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

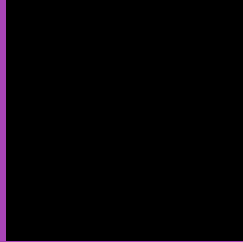
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.1420, 16.1520, 47.0345

Background



This preview shows how black text looks on a background with the XYZ color 27.1420, 16.1520, 47.0345.



This preview shows how white text looks on a background with the XYZ color 27.1420, 16.1520,

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

27.1420, 16.1520, 47.0345

Protanopia

19.5285, 16.6623, 71.2941

Deuteranopia

16.7725, 16.3426, 43.3447



Tritanopia

20.3152, 16.0179, 14.0776

Trichromacy



Original Color

27.1420, 16.1520, 47.0345



Protanomaly

19.3183, 14.5857, 61.4716



Deuteranomaly

18.8751, 14.9999, 44.5483



Tritanomaly

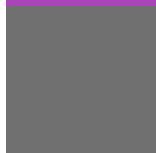
22.1673, 15.6607, 23.3272

Monochromacy



Original Color

27.1420, 16.1520, 47.0345



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

18.4432, 15.1873, 26.0041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1420, 16.1520, 47.0345 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, 69, 184)` looks like.

```
.text, #text, p{  
    color:rgb(169, 69, 184)  
}
```

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, 69, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 69, 184) }
```

Border

The CSS property to change the border of an element to XYZ 27.1420, 16.1520, 47.0345 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, 69, 184) }
```


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

```
.border{ border-color:rgb(169, 69, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 69, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 69, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 69, 184);  
box-shadow:4px 4px 4px 4px rgb(169, 69,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1420, 16.1520, 47.0345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 69, 184) }
```

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

```
.background{ background-color: rgb(169, 69,  
184) }
```

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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