

Converting Colors

XYZ(27.3087, 16.5728, 46.3483)

Have a look what the booklet for
XYZ(27.3087, 16.5728, 46.3483)
contains.

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Color

**XYZ(27.2268, 16.4886,
46.5474)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A948B7 |
| RGB | 169, 72, 183 |
| RGB Percent | 66%, 28%, 72% |
| CMY | 0.3372, 0.7176, 0.2824 |
| CMYK | 0.08, 0.61, 0.00, 0.28 |
| HSL | 292°, 44%, 50% |
| HSV | 292°, 61%, 72% |
| XYZ | 27.2268, 16.4886, 46.5474 |
| YIQ | 113.6570, 22.1810, 55.0850 |

Conversions

Conversions Part 2

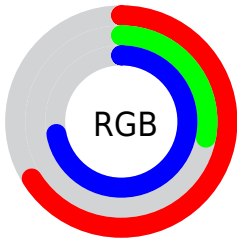
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 169, 72, 183 |
| Decimal | 11094199 |
| CIE Lab | 47.61, 55.42, -40.99 |
| CIE LCh | 48, 68.937, 323.513 |
| Yxy | 16.4886, 0.3016, 0.1827 |
| Android (android.graphics.Color) | 4289284279 (0xFFA948B7) |
| YUV | 113.6570, 34.1861, 48.5358 |
| Hunter-Lab | 40.6062, 48.6251, -39.5406 |

Details

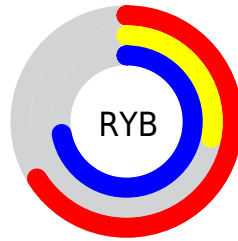
The XYZ color **27.2268, 16.4886, 46.5474** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **21.9414, 36.3137, 11.9843**, and the grayscale version is **15.7887, 16.6109, 18.0893**.

A 20% lighter version of the original color is **54.7194, 37.4846, 86.0126**, and **10.9887, 5.3361, 21.2197** is the 20% darker color. If you saturate the color by 10%, you get **25.7244, 14.2119, 46.1874**, and if you desaturate by 10%, it is **29.0912, 19.4753, 47.0259**.

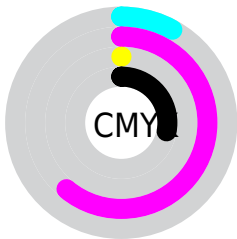
Distribution



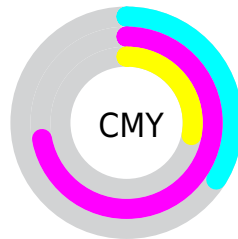
- Red (66%)
- Green (28%)
- Blue (72%)



- Red (66%)
- Yellow (28%)
- Blue (72%)



- Cyan (8%)
- Magenta (61%)
- Yellow (0%)
- Black (28%)





- Cyan (34%)
- Magenta (72%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2268, 16.4886, 46.5474 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 27.2268, 16.4886, 46.5474 by changing the saturation by 10% instead.


 27.2268, 16.4886,
46.5474


 27.2268, 16.4886,
46.5474


280.9011,
232.2078, 389.3464

 17.8811, 9.8706,
32.3262


 54.6649, 37.4444,
86.3805


 10.9638, 5.3132,
21.3439


 73.4880, 52.5509,
112.8296


 6.1096, 2.4322,
13.1819


 96.2010, 71.2557,
144.1916

 2.9532, 0.8424,
7.4217

 123.1692, 93.9432,
180.8853

 1.1290, 0.0000,
3.6448

 154.7580,
120.9978, 223.3290

 0.0492, 0.0000,
1.4326

191.3326,

 0.0000, 0.0000,

152.8038, 271.9414

0.1669

233.2586,
189.7457, 327.1410

■ 0.0000, 0.0000,
0.0000

■ 27.2268, 16.4886,
46.5474

■ 27.2268, 16.4886,
46.5474

■ 25.7244, 14.2119,
46.1874

■ 29.0912, 19.4753,
47.0259

■ 24.5498, 12.5785,
45.9340

■ 31.3442, 23.2267,
47.6312

■ 23.6654, 11.5125,
45.7749

■ 34.0119, 27.7943,
48.3722

■ 23.0286, 10.8843,
45.6872

■ 37.1176, 33.2247,
49.2567

■ 40.6829, 39.5611,
50.2919

■ 44.7278, 46.8434,
51.4843

■ 49.2713, 55.1096,
52.8404

■ 54.3312, 64.3952,
54.3660

■ 59.9246, 74.7341,
56.0668

Harmonies

Analogous

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



20.8770, 16.4886, 70.3289



27.2268, 16.4886, 46.5474



30.5961, 16.4886, 22.0563

Triad

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



27.2268, 16.4886, 46.5474



17.0458, 16.4886, 0.9501



7.1393, 16.4886, 35.1302

Complementary

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



27.2268, 16.4886, 46.5474



21.9414, 36.3137, 11.9843

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.



6.6163, 16.4886, 14.3935



27.2268, 16.4886, 46.5474



11.4130, 16.4886, 1.3647

Square

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



27.2268, 16.4886, 46.5474



23.8047, 16.4886, 2.1726



7.9595, 16.4886, 4.4088



9.6411, 16.4886, 61.2456

Rectangle

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



27.2268, 16.4886, 46.5474



30.2049, 16.4886, 11.1476



7.9595, 16.4886, 4.4088



6.7589, 16.4886, 27.0828

Sweetspot

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



27.2274, 16.4893, 46.5478



67.9059, 62.0299, 88.6297



14.6123, 11.5813, 46.2653



14.6103, 13.0152, 19.4638



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.



27.2274, 16.4893, 46.5478



45.2604, 24.2884, 82.5384



26.7513, 16.6646, 27.5167



9.2665, 9.1037, 11.3482



16.1050, 7.6136, 31.8738



0.5992, 0.2846, 1.1251

Inverse Universe

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



23.5260, 15.3745, 10.5323



38.4845, 22.3703, 11.0650



22.5703, 36.4306, 21.3774



9.0495, 9.0302, 9.6080



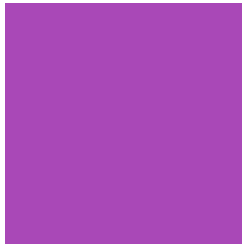
13.7463, 7.0723, 1.2847



0.4996, 0.2553, 0.1245

Previews

White Background



This preview shows how the XYZ color 27.2268, 16.4886, 46.5474 looks on a white background.

Color Contrast Check

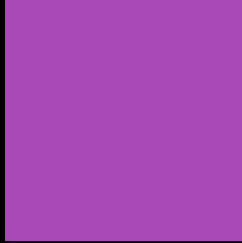
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2268, 16.4886, 46.5474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

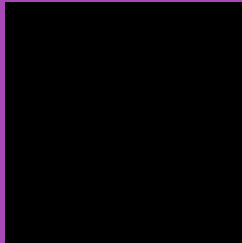
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.2268, 16.4886, 46.5474

Background



This preview shows how black text looks on a background with the XYZ color 27.2268, 16.4886, 46.5474.



This preview shows how white text looks on a background with the XYZ color 27.2268, 16.4886,

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

27.2268, 16.4886, 46.5474

Protanopia

19.6775, 16.9444, 69.2513

Deuteranopia

17.1349, 16.6942, 43.3935



Tritanopia

20.5910, 16.4128, 14.6531

Trichromacy



Original Color

27.2268, 16.4886, 46.5474



Protanomaly

19.8377, 15.1491, 60.2710



Deuteranomaly

19.3144, 15.5007, 44.6218



Tritanomaly

22.4052, 16.1365, 23.4065

Monochromacy



Original Color

27.2268, 16.4886, 46.5474



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

18.9536, 15.8561, 26.4877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2268, 16.4886, 46.5474 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, 72, 183)` looks like.

```
.text, #text, p{  
    color:rgb(169, 72, 183)  
}
```

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, 72, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 72, 183) }
```

Border

The CSS property to change the border of an element to XYZ 27.2268, 16.4886, 46.5474 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, 72, 183) }
```


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

```
.border{ border-color:rgb(169, 72, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 72, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 72, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 72, 183);  
box-shadow:4px 4px 4px 4px rgb(169, 72,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2268, 16.4886, 46.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 72, 183) }
```

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

```
.background{ background-color: rgb(169, 72,  
183) }
```

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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