

Converting Colors

XYZ(32.9759, 27.0959, 47.9696)

Have a look what the booklet for
XYZ(32.9759, 27.0959, 47.9696)
contains.

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Color

**XYZ(32.9176, 27.0698,
47.7460)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AC7EB6 |
| RGB | 172, 126, 182 |
| RGB Percent | 67%, 49%, 71% |
| CMY | 0.3255, 0.5059, 0.2863 |
| CMYK | 0.05, 0.31, 0.00, 0.29 |
| HSL | 289°, 28%, 60% |
| HSV | 289°, 31%, 71% |
| XYZ | 32.9176, 27.0698, 47.7460 |
| YIQ | 146.1380, 9.4400, 27.1680 |

Conversions

Conversions Part 2

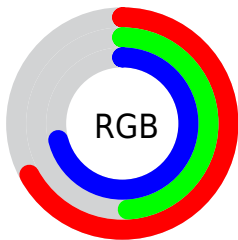
| Format | Color |
|-------------------------------------|--|
| RYB | 172, 126, 182 |
| Decimal | 11304630 |
| CIELab | 59.04, 27.69, -22.57 |
| CIELCh | 59, 35.719, 320.814 |
| Yxy | 27.0698, 0.3055, 0.2513 |
| Android (android.graphics.Color) | 4289494710 (0xFFAC7EB6) |
| YUV | 146.1380, 17.6800, 22.6810 |
| Hunter-Lab | 52.0286, 21.8836, -17.9896 |

Details

The XYZ color **32.9176, 27.0698, 47.7460** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.6482, 40.1972, 25.8835**, and the grayscale version is **27.3060, 28.7281, 31.2849**.

A 20% lighter version of the original color is **63.5476, 54.9072, 88.1378**, and **14.1546, 10.6758, 22.0835** is the 20% darker color. If you saturate the color by 10%, you get **30.0943, 22.4688, 47.0071**, and if you desaturate by 10%, it is **36.1834, 32.5289, 48.6280**.

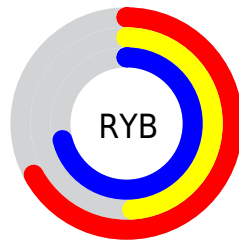
Distribution



Red (67%)

Green (49%)

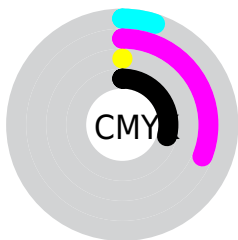
Blue (71%)



Red (67%)

Yellow (49%)

Blue (71%)

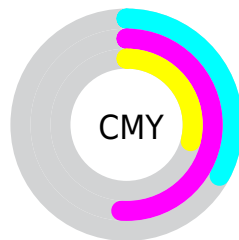


Cyan (5%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9176, 27.0698, 47.7460 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 32.9176, 27.0698, 47.7460 by changing the saturation by 10% instead.

■ 32.9176, 27.0698,
47.7460

■ 32.9176, 27.0698,
47.7460

306.9498,
287.9949, 394.2641

■ 22.2223, 17.6257,
33.2672

■ 63.6024, 54.9959,
88.1877

■ 14.1378, 10.6816,
22.0584

■ 84.3226, 74.2465,
114.9877

■ 8.2989, 5.8531,
13.7011

■ 109.1151, 97.5349,
146.7319

■ 4.3402, 2.7560,
7.7767

138.3452,
125.2452, 183.8388

■ 1.8964, 1.0057,
3.8667

172.3784,
157.7620, 226.7269

■ 0.5747, 0.0000,
1.5525

211.5800,

■ 0.0000, 0.0000,

195.4697, 275.8148

0.2566

256.3154,
238.7525, 331.5210

■ 0.0000, 0.0000,
0.0000

■ 32.9176, 27.0698,
47.7460

■ 32.9176, 27.0698,
47.7460

■ 30.0943, 22.4688,
47.0071

■ 36.1834, 32.5289,
48.6280

■ 27.6879, 18.6763,
46.4019

■ 39.9106, 38.8851,
49.6584

■ 25.6739, 15.6432,
45.9226

■ 44.1198, 46.1793,
50.8445

■ 24.0243, 13.3133,
45.5599

■ 48.8299, 54.4487,
52.1924

■ 22.7069, 11.6228,
45.3030

■ 54.0586, 63.7287,
53.7080

■ 21.6839, 10.4961,
45.1394

■ 59.8227, 74.0527,
55.3970

■ 20.9295, 9.8142,
45.0476

■ 66.1382, 85.4527,
57.2645

■ 67.4927, 86.9034,
57.4732

■ 68.3587, 87.3498,
57.5137

Harmonies

Analogous

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



28.8783, 27.0698, 58.6885



32.9176, 27.0698, 47.7460



35.0943, 27.0698, 33.5459

Triad

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



32.9176, 27.0698, 47.7460



27.1139, 27.0698, 11.3468



18.5555, 27.0698, 39.0276

Complementary

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



32.9176, 27.0698, 47.7460



30.6482, 40.1972, 25.8835

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.



18.1984, 27.0698, 25.7465



32.9176, 27.0698, 47.7460



22.8175, 27.0698, 12.0377

Square

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



32.9176, 27.0698, 47.7460



31.4994, 27.0698, 14.3130



19.6715, 27.0698, 16.5841



20.7103, 27.0698, 52.7340

Rectangle

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



32.9176, 27.0698, 47.7460



35.0426, 27.0698, 25.1274



19.6715, 27.0698, 16.5841



18.2318, 27.0698, 34.2959

Sweetspot

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



32.9185, 27.0710, 47.7466



73.5293, 72.5165, 90.3574



25.8906, 25.4978, 47.8134



16.0070, 15.6148, 19.8919



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.



32.9185, 27.0710, 47.7466



56.0850, 43.1941, 85.6170



33.4781, 27.5580, 38.8039



9.2194, 9.0795, 11.3460



14.8307, 6.9567, 31.8142



0.5645, 0.2667, 1.1235

Inverse Universe

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



31.1971, 26.6456, 26.7927



52.5849, 42.3728, 41.0396



30.3468, 39.8977, 32.3816



9.0683, 9.0377, 9.7074



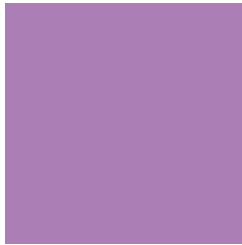
13.8303, 7.1059, 1.7273



0.5077, 0.2586, 0.1670

Previews

White Background



This preview shows how the XYZ color 32.9176, 27.0698, 47.7460 looks on a white background.

Color Contrast Check

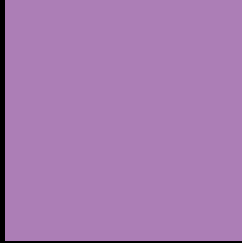
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9176, 27.0698, 47.7460 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 32.9176, 27.0698, 47.7460

Background



This preview shows how black text looks on a background with the XYZ color 32.9176, 27.0698, 47.7460.



This preview shows how white text looks on a background with the XYZ color 32.9176, 27.0698,

47.7460.

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

32.9176, 27.0698, 47.7460

Protanopia

27.9029, 27.4120, 54.2725

Deuteranopia

27.8313, 27.3292, 46.4560



Tritanopia

29.3579, 27.0042, 30.0506

Trichromacy



Original Color

32.9176, 27.0698, 47.7460

Protanomaly

29.3172, 27.1221, 51.8340

Deuteranomaly

29.4799, 27.1073, 46.8585

Tritanomaly

30.5164, 26.8689, 35.9256

Monochromacy



Original Color

32.9176, 27.0698, 47.7460

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.0082, 27.9370, 36.6644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9176, 27.0698, 47.7460 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(172, 126, 182)` looks like.

```
.text, #text, p{  
    color:rgb(172, 126, 182)  
}
```

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(172, 126, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 126, 182) }
```

Border

The CSS property to change the border of an element to XYZ 32.9176, 27.0698, 47.7460 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(172, 126, 182) }
```


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

```
.border{ border-color:rgb(172, 126, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 126, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 126, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 126, 182); box-shadow:4px 4px 4px 4px rgb(172, 126, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9176, 27.0698, 47.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 126, 182) }
```

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

```
.background{ background-color: rgb(172,  
126, 182) }
```

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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