

Converting Colors

XYZ(33.2762, 27.1140, 47.0980)

Have a look what the booklet for
XYZ(33.2762, 27.1140, 47.0980)
contains.

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Color

**XYZ(33.3533, 27.1174,
47.1923)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AF7DB5 |
| RGB | 175, 125, 181 |
| RGB Percent | 69%, 49%, 71% |
| CMY | 0.3137, 0.5098, 0.2902 |
| CMYK | 0.03, 0.31, 0.00, 0.29 |
| HSL | 294°, 27%, 60% |
| HSV | 294°, 31%, 71% |
| XYZ | 33.3533, 27.1174, 47.1923 |
| YIQ | 146.3340, 11.8240, 28.0160 |

Conversions

Conversions Part 2

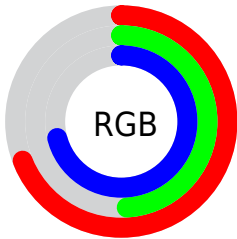
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 175, 125, 181 |
| Decimal | 11500981 |
| CIELab | 59.08, 29.04, -21.90 |
| CIELCh | 59, 36.373, 322.973 |
| Yxy | 27.1174, 0.3098, 0.2519 |
| Android (android.graphics.Color) | 4289691061 (0xFFAF7DB5) |
| YUV | 146.3340, 17.0903, 25.1401 |
| Hunter-Lab | 52.0744, 23.1980, -17.2794 |

Details

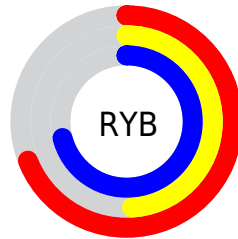
The XYZ color **33.3533, 27.1174, 47.1923** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.5865, 39.3544, 25.4402**, and the grayscale version is **27.3880, 28.8143, 31.3788**.

A 20% lighter version of the original color is **64.1615, 54.9441, 87.3444**, and **14.4384, 10.7282, 21.7318** is the 20% darker color. If you saturate the color by 10%, you get **30.8356, 22.7229, 46.4772**, and if you desaturate by 10%, it is **36.2966, 32.3525, 48.0481**.

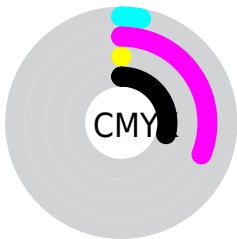
Distribution



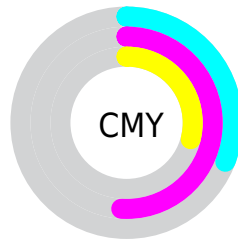
- Red (69%)
- Green (49%)
- Blue (71%)



- Red (69%)
- Yellow (49%)
- Blue (71%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (31%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3533, 27.1174, 47.1923 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 33.3533, 27.1174, 47.1923 by changing the saturation by 10% instead.

33.3533, 27.1174,
47.1923

33.3533, 27.1174,
47.1923

308.8756,
288.2251, 391.9976

22.5578, 17.6614,
32.8323

64.2777, 55.0722,
87.3536

14.3862, 10.7072,
21.7279

85.1373, 74.3398,
113.9919

8.4733, 5.8703,
13.4607

110.0823, 97.6467,
145.5601

4.4536, 2.7664,
7.6121

139.4780,
125.3774, 182.4766

1.9618, 1.0110,
3.7636

173.6899,
157.9162, 225.1601

0.6124, 0.0000,
1.4966

213.0832,

0.0000, 0.0000,

195.6474, 274.0291

0.2154

258.0233,
238.9556, 329.5020

■ 0.0000, 0.0000,
0.0000

■ 33.3533, 27.1174,
47.1923

■ 33.3533, 27.1174,
47.1923

■ 30.8356, 22.7229,
46.4772

■ 36.2966, 32.3525,
48.0481

■ 28.7180, 19.1201,
45.8934

■ 39.6837, 38.4667,
49.0497

■ 26.9766, 16.2605,
45.4332

■ 43.5353, 45.5004,
50.2043

■ 25.5837, 14.0886,
45.0874

■ 47.8697, 53.4902,
51.5181

■ 24.5077, 12.5414,
44.8455

■ 52.7043, 62.4710,
52.9967

■ 23.7112, 11.5441,
44.6949

■ 58.0556, 72.4759,
54.6458

■ 23.1615, 10.9767,
44.6144

■ 63.9394, 83.5362,
56.4706

■ 65.4646, 85.8698,
56.8406

■ 65.9540, 86.1221,
56.8635

Harmonies

Analogous

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



29.3171, 27.1174, 58.8791



33.3533, 27.1174, 47.1923



35.3971, 27.1174, 32.6766

Triad

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



33.3533, 27.1174, 47.1923



26.8520, 27.1174, 11.0730



18.5727, 27.1174, 40.3444

Complementary

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



33.3533, 27.1174, 47.1923



29.5865, 39.3544, 25.4402

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.



18.0756, 27.1174, 26.5852



33.3533, 27.1174, 47.1923



22.5291, 27.1174, 12.0286

Square

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



33.3533, 27.1174, 47.1923



31.3696, 27.1174, 13.7804



19.4403, 27.1174, 16.9318



20.8873, 27.1174, 54.1862

Rectangle

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



33.3533, 27.1174, 47.1923



35.2040, 27.1174, 24.2839



19.4403, 27.1174, 16.9318



18.1995, 27.1174, 35.4735

Sweetspot

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



33.3542, 27.1186, 47.1929



72.2428, 71.0208, 88.1954



24.9872, 24.0737, 47.0462



15.4104, 14.9795, 19.0014



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.3542, 27.1186, 47.1929



56.6409, 43.1474, 83.6376



32.6949, 27.0139, 36.5360



8.7586, 8.5996, 10.7046



16.0021, 7.5852, 30.7577



0.5290, 0.2518, 0.9690

Inverse Universe

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



30.4873, 26.1309, 24.9108



50.7814, 41.1483, 37.2080



30.2069, 39.4983, 33.4178



8.5321, 8.5196, 9.0347



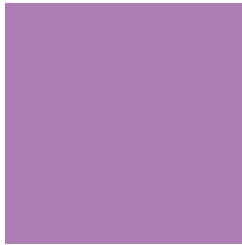
13.2334, 6.8109, 1.1229



0.4283, 0.2191, 0.0982

Previews

White Background



This preview shows how the XYZ color 33.3533, 27.1174, 47.1923 looks on a white background.

Color Contrast Check

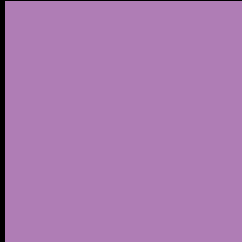
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.3533, 27.1174, 47.1923 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 33.3533, 27.1174, 47.1923

Background



This preview shows how black text looks on a background with the XYZ color 33.3533, 27.1174, 47.1923.



This preview shows how white text looks on a background with the XYZ color 33.3533, 27.1174,

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

33.3533, 27.1174, 47.1923

Protanopia

28.0526, 27.4892, 54.2795

Deuteranopia

27.8952, 27.3738, 45.9329



Tritanopia

29.7868, 27.0317, 29.6343

Trichromacy



Original Color

33.3533, 27.1174, 47.1923

Protanomaly

29.5263, 27.0218, 51.8036

Deuteranomaly

29.5632, 27.1619, 46.3325

Tritanomaly

30.9493, 26.9055, 35.4604

Monochromacy



Original Color

33.3533, 27.1174, 47.1923

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.2511, 27.8483, 36.6344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3533, 27.1174, 47.1923 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(175, 125, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 125, 181)  
}
```

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(175, 125, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 125, 181) }
```

Border

The CSS property to change the border of an element to XYZ 33.3533, 27.1174, 47.1923 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(175, 125, 181) }
```


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

```
.border{ border-color:rgb(175, 125, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 125, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 125, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 125, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 125,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3533, 27.1174, 47.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 125, 181) }
```

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

```
.background{ background-color: rgb(175,  
125, 181) }
```

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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