

Converting Colors

XYZ(32.6236, 27.2120, 36.9219)

Have a look what the booklet for
XYZ(32.6236, 27.2120, 36.9219)
contains.

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Color

**XYZ(32.6284, 27.1631,
36.7810)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--|
| Hex | B47EA0 |
| RGB | 180, 126, 160 |
| RGB Percent | 71%, 49%, 63% |
| CMY | 0.2941, 0.5059, 0.3725 |
| CMYK | 0.00, 0.30, 0.11, 0.29 |
| HSL | 322°, 26%, 60% |
| HSV | 322°, 30%, 71% |
| XYZ | 32.6284, 27.1631, 36.7810 |
| YIQ | 146.0220, 21.2700, 22.0220 |

Conversions

Conversions Part 2

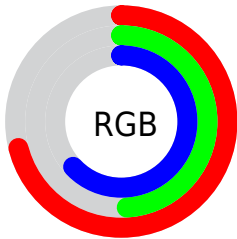
| Format | Color |
|-------------------------------------|---|
| RYB | 180, 126, 160 |
| Decimal | 11828896 |
| CIELab | 59.12, 26.28, -9.76 |
| CIElCh | 59, 28.038, 339.621 |
| Yxy | 27.1631, 0.3379, 0.2813 |
| Android (android.graphics.Color) | 4290018976 (0xFFB47EA0) |
| YUV | 146.0220, 6.8912, 29.7987 |
| Hunter-Lab | 52.1182, 20.5423, -5.3595 |

Details

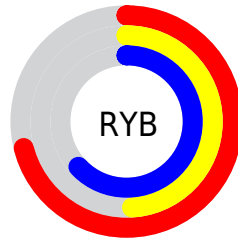
The XYZ color **32.6284, 27.1631, 36.7810** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.1149, 39.1542, 33.1662**, and the grayscale version is **27.2979, 28.7195, 31.2755**.

A 20% lighter version of the original color is **62.9779, 54.9794, 71.5828**, and **13.9489, 10.7086, 15.7998** is the 20% darker color. If you saturate the color by 10%, you get **29.9629, 22.7404, 33.0918**, and if you desaturate by 10%, it is **35.7409, 32.4290, 40.7741**.

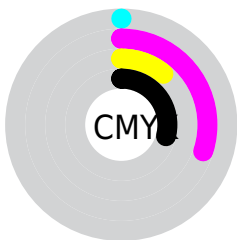
Distribution



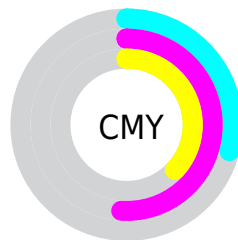
- Red (71%)
- Green (49%)
- Blue (63%)



- Red (71%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6284, 27.1631, 36.7810 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 32.6284, 27.1631, 36.7810 by changing the saturation by 10% instead.


 32.6284, 27.1631,
36.7810


 32.6284, 27.1631,
36.7810


305.6666,
288.4460, 347.5015


 21.9998, 17.6958,
24.7435

 63.1535, 55.1455,
71.4184

 13.9734, 10.7318,
15.6688


 83.7807, 74.4293,
94.8554

 8.1837, 5.8868,
9.1383


 108.4715, 97.7541,
122.9293

 4.2655, 2.7764,
4.7334

137.5912,
125.5042, 156.0587

 1.8534, 1.0161,
2.0357

171.5053,
158.0640, 194.6620

 0.5495, 0.0000,
0.5771

210.5789,

 0.0000, 0.0000,

195.8180, 239.1579

0.0000

255.1776,
239.1505, 289.9649

■ 32.6284, 27.1631,
36.7810

■ 32.6284, 27.1631,
36.7810

■ 29.9629, 22.7404,
33.0918

■ 35.7409, 32.4290,
40.7741

■ 27.7194, 19.1126,
29.6949

■ 39.3190, 38.5758,
45.0789

■ 25.8738, 16.2321,
26.5801

■ 43.3832, 45.6432,
49.7046

■ 24.3985, 14.0448,
23.7358

■ 47.9520, 53.6674,
54.6598

■ 23.2625, 12.4890,
21.1490

■ 53.0429, 62.6829,
59.9524

■ 22.4290, 11.4921,
18.8048

■ 58.6725, 72.7221,
65.5901

■ 21.8219, 10.9032,
16.6750

■ 64.8567, 83.8162,
71.5804

■ 21.8218, 10.9031,
16.6746

■ 66.6357, 86.0446,
76.2720

■ 67.5015, 86.3909,
80.8309

Harmonies

Analogous

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



30.3349, 27.1631, 46.9742



32.6284, 27.1631, 36.7810



33.0103, 27.1631, 26.4807

Triad

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



32.6284, 27.1631, 36.7810



24.7130, 27.1631, 14.3935



20.9888, 27.1631, 43.5927

Complementary

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



32.6284, 27.1631, 36.7810



30.1149, 39.1542, 33.1662

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.



19.7541, 27.1631, 32.9036



32.6284, 27.1631, 36.7810



21.7728, 27.1631, 17.1113

Square

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



32.6284, 27.1631, 36.7810



28.2242, 27.1631, 14.9779



20.0276, 27.1631, 23.3793



23.5521, 27.1631, 51.4809

Rectangle

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



32.6284, 27.1631, 36.7810



32.0975, 27.1631, 21.0624



20.0276, 27.1631, 23.3793



20.4156, 27.1631, 40.1210

Sweetspot

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



32.6292, 27.1643, 36.7816



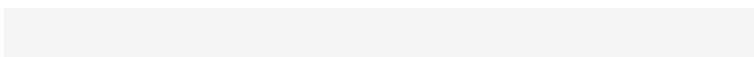
71.8804, 70.9614, 82.4220



27.5188, 24.3111, 46.4225



15.3206, 14.9650, 17.5628



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.



32.6292, 27.1643, 36.7816



55.8758, 43.7798, 62.2042



30.5317, 26.3253, 25.7364



8.7138, 8.5923, 9.9915



15.2634, 7.6229, 11.8130



0.5073, 0.2507, 0.5140

Inverse Universe

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



32.6292, 27.1643, 36.7816



55.8758, 43.7798, 62.2042



32.4498, 40.0882, 45.4619



8.7138, 8.5923, 9.9915



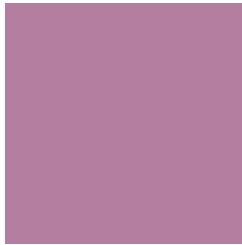
15.2634, 7.6229, 11.8130



0.5073, 0.2507, 0.5140

Previews

White Background



This preview shows how the XYZ color 32.6284, 27.1631, 36.7810 looks on a white background.

Color Contrast Check

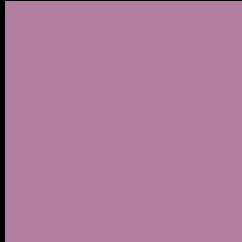
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6284, 27.1631, 36.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

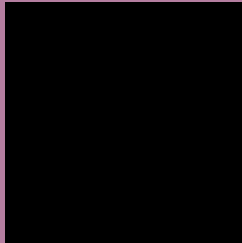
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6284, 27.1631, 36.7810

Background



This preview shows how black text looks on a background with the XYZ color 32.6284, 27.1631, 36.7810.



This preview shows how white text looks on a background with the XYZ color 32.6284, 27.1631,

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

32.6284, 27.1631, 36.7810

Protanopia

27.0971, 27.2704, 41.8658

Deuteranopia

27.9819, 27.4179, 36.1651



Tritanopia

31.0764, 27.3237, 28.4470

Trichromacy



Original Color

32.6284, 27.1631, 36.7810

Protanomaly

28.8240, 27.1338, 39.7946

Deuteranomaly

29.4810, 27.1305, 36.4838

Tritanomaly

31.7071, 27.3908, 31.2196

Monochromacy



Original Color

32.6284, 27.1631, 36.7810

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.9191, 27.9687, 33.1525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6284, 27.1631, 36.7810 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(180, 126, 160)` looks like.

```
.text, #text, p{  
    color:rgb(180, 126, 160)  
}
```

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(180, 126, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 126, 160) }
```

Border

The CSS property to change the border of an element to XYZ 32.6284, 27.1631, 36.7810 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(180, 126, 160) }
```


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

```
.border{ border-color:rgb(180, 126, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 126, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 126, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 126, 160);  
box-shadow:4px 4px 4px 4px rgb(180, 126,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6284, 27.1631, 36.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 126, 160) }
```

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

```
.background{ background-color: rgb(180,  
126, 160) }
```

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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