

Converting Colors

XYZ(32.7013, 27.0017, 36.5586)

Have a look what the booklet for
XYZ(32.7013, 27.0017, 36.5586)
contains.

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Color

**XYZ(32.7348, 27.0291,
36.7495)**

Conversions

Conversions Part 1

Format	Color
Hex	B57DA0
RGB	181, 125, 160
RGB Percent	71%, 49%, 63%
CMY	0.2902, 0.5098, 0.3725
CMYK	0.00, 0.31, 0.12, 0.29
HSL	323°, 27%, 60%
HSV	323°, 31%, 71%
XYZ	32.7348, 27.0291, 36.7495
YIQ	145.7340, 22.1410, 22.7570

Conversions

Conversions Part 2

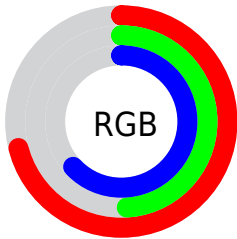
Format	Color
RYB	181, 125, 160
Decimal	11894176
CIELab	59.00, 27.20, -9.94
CIElCh	59, 28.955, 339.929
Yxy	27.0291, 0.3392, 0.2801
Android (android.graphics.Color)	4290084256 (0xFFB57DA0)
YUV	145.7340, 7.0331, 30.9283
Hunter-Lab	51.9895, 21.4095, -5.5173

Details

The XYZ color **32.7348, 27.0291, 36.7495** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.1708, 39.4837, 33.2269**, and the grayscale version is **27.1793, 28.5947, 31.1397**.

A 20% lighter version of the original color is **63.4460, 54.9242, 71.5474**, and **14.0288, 10.6483, 15.7839** is the 20% darker color. If you saturate the color by 10%, you get **30.0713, 22.6263, 33.0116**, and if you desaturate by 10%, it is **35.8499, 32.2824, 40.7985**.

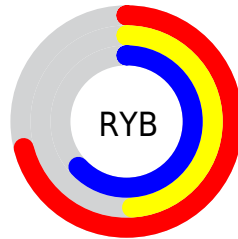
Distribution



Red (71%)

Green (49%)

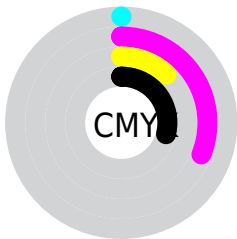
Blue (63%)



Red (71%)

Yellow (49%)

Blue (63%)

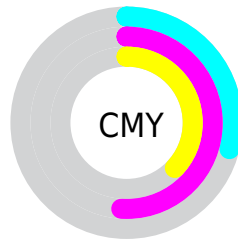


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (29%)



Cyan (29%)

Magenta (51%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7348, 27.0291, 36.7495 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 32.7348, 27.0291, 36.7495 by changing the saturation by 10% instead.

■ 32.7348, 27.0291,
36.7495

■ 32.7348, 27.0291,
36.7495

306.1392,
287.7980, 347.3607

■ 22.0816, 17.5951,
24.7193

■ 63.3187, 54.9306,
71.3694

■ 14.0338, 10.6597,
15.6510

■ 83.9802, 74.1668,
94.7961

■ 8.2261, 5.8385,
9.1258

■ 108.7084, 97.4392,
122.8589

■ 4.2930, 2.7471,
4.7254

137.8688,
125.1322, 155.9761

■ 1.8692, 1.0012,
2.0312

171.8268,
157.6302, 194.5663

■ 0.5588, 0.0000,
0.5743

210.9476,

■ 0.0000, 0.0000,

195.3176, 239.0482

0.0000

255.5966,
238.5787, 289.8401

■ 32.7348, 27.0291,
36.7495

■ 32.7348, 27.0291,
36.7495

■ 30.0713, 22.6263,
33.0116

■ 35.8499, 32.2824,
40.7985

■ 27.8337, 19.0247,
29.5728

■ 39.4356, 38.4247,
45.1666

■ 25.9975, 16.1756,
26.4228


■ 43.5128, 45.4965,
49.8633


■ 24.5345, 14.0234,
23.5493


■ 48.1005, 53.5348,
54.8974


■ 23.4126, 12.5049,
20.9390


■ 53.2163, 62.5746,
60.2772


 22.5937, 11.5450,
18.5764

 58.8773, 72.6490,
66.0105

 22.0436, 11.0188,
16.6235

 65.0997, 83.7898,
72.1049

 66.9927, 86.2144,
76.9324

 67.8796, 86.5692,
81.6030

Harmonies

Analogous

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



30.3805, 27.0291, 47.3423



32.7348, 27.0291, 36.7495



33.1074, 27.0291, 26.1513

Triad

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



32.7348, 27.0291, 36.7495



24.5184, 27.0291, 13.9360



20.7521, 27.0291, 44.0298

Complementary

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



32.7348, 27.0291, 36.7495



30.1708, 39.4837, 33.2269

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.



19.4730, 27.0291, 32.9721



32.7348, 27.0291, 36.7495



21.5096, 27.0291, 16.7241

Square

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



32.7348, 27.0291, 36.7495



28.1329, 27.0291, 14.4928



19.7368, 27.0291, 23.1534



23.3934, 27.0291, 52.1780

Rectangle

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



32.7348, 27.0291, 36.7495



32.1491, 27.0291, 20.6275



19.7368, 27.0291, 23.1534



20.1603, 27.0291, 40.4365

Sweetspot

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



32.7356, 27.0303, 36.7501



71.8669, 70.9560, 82.3510



27.4466, 24.0732, 46.9163



15.3172, 14.9636, 17.5451



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.



32.7356, 27.0303, 36.7501



55.3535, 42.9772, 61.2844



30.5875, 26.1711, 25.4385



8.7122, 8.5916, 9.9828



15.2308, 7.6099, 11.6413



0.5064, 0.2503, 0.5094

Inverse Universe

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



32.7356, 27.0303, 36.7501



55.3535, 42.9772, 61.2844



32.5768, 40.4461, 45.8967



8.7122, 8.5916, 9.9828



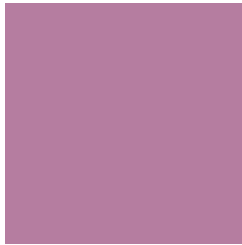
15.2308, 7.6099, 11.6413



0.5064, 0.2503, 0.5094

Previews

White Background



This preview shows how the XYZ color 32.7348, 27.0291, 36.7495 looks on a white background.

Color Contrast Check

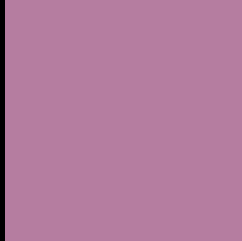
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7348, 27.0291, 36.7495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

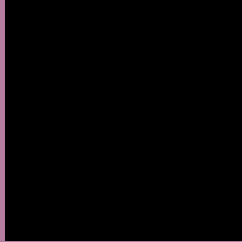
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7348, 27.0291, 36.7495

Background



This preview shows how black text looks on a background with the XYZ color 32.7348, 27.0291, 36.7495.



This preview shows how white text looks on a background with the XYZ color 32.7348, 27.0291,

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

32.7348, 27.0291, 36.7495

Protanopia

27.0289, 27.2243, 42.3583

Deuteranopia

27.6545, 27.0351, 36.1085



Tritanopia

30.8706, 27.0296, 28.0163

Trichromacy



Original Color

32.7348, 27.0291, 36.7495

Protanomaly

28.5879, 26.7934, 40.2241

Deuteranomaly

29.3435, 26.8553, 36.4379

Tritanomaly

31.5760, 27.1286, 31.1759

Monochromacy



Original Color

32.7348, 27.0291, 36.7495

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.9725, 27.7823, 33.1137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7348, 27.0291, 36.7495 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(181, 125, 160)` looks like.

```
.text, #text, p{  
    color:rgb(181, 125, 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(181, 125, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 125, 160) }
```

Border

The CSS property to change the border of an element to XYZ 32.7348, 27.0291, 36.7495 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(181, 125, 160) }
```


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

```
.border{ border-color:rgb(181, 125, 160) }
```

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

Here you see how a box with a 4 pixel rgb(181, 125, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 125, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 125, 160);  
box-shadow:4px 4px 4px 4px rgb(181, 125,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7348, 27.0291, 36.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 125, 160) }
```

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

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