

Converting Colors

XYZ(32.7424, 27.0277, 40.5587)

Have a look what the booklet for
XYZ(32.7424, 27.0277, 40.5587)
contains.

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Color

**XYZ(32.7616, 26.9594,
40.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	B27DA8
RGB	178, 125, 168
RGB Percent	70%, 49%, 66%
CMY	0.3020, 0.5098, 0.3412
CMYK	0.00, 0.30, 0.06, 0.30
HSL	311°, 26%, 59%
HSV	311°, 30%, 70%
XYZ	32.7616, 26.9594, 40.5227
YIQ	145.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

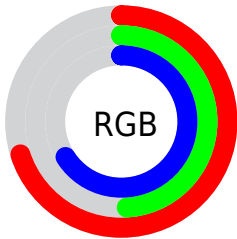
Format	Color
R _Y B	178, 125, 168
Decimal	11697576
CIE Lab	58.94, 27.57, -14.66
CIE LCh	59, 31.225, 332.000
Yxy	26.9594, 0.3268, 0.2689
Android (android.graphics.Color)	4289887656 (0xFFB27DA8)
YUV	145.7490, 10.9697, 28.2841
Hunter-Lab	51.9224, 21.7642, -9.9270

Details

The XYZ color **32.7616, 26.9594, 40.5227** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.7522, 37.9509, 28.7332**, and the grayscale version is **27.1711, 28.5861, 31.1303**.

A 20% lighter version of the original color is **63.1714, 54.6609, 77.0332**, and **13.9806, 10.5782, 17.8279** is the 20% darker color. If you saturate the color by 10%, you get **30.3983, 22.7267, 38.2112**, and if you desaturate by 10%, it is **35.5384, 32.0054, 43.0125**.

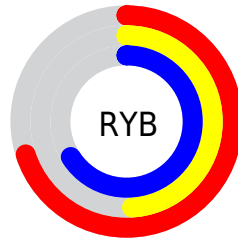
Distribution



Red (70%)

Green (49%)

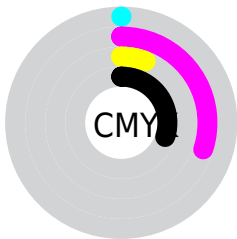
Blue (66%)



Red (70%)

Yellow (49%)

Blue (66%)

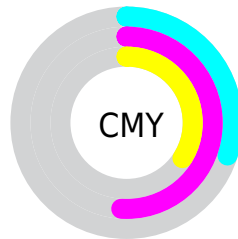


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (51%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7616, 26.9594, 40.5227 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 32.7616, 26.9594, 40.5227 by changing the saturation by 10% instead.

■ 32.7616, 26.9594,
40.5227

■ 32.7616, 26.9594,
40.5227

306.2581,
287.4605, 363.9392

■ 22.1022, 17.5427,
27.6294

■ 63.3603, 54.8187,
77.2046

■ 14.0491, 10.6222,
17.8099

■ 84.0304, 74.0301,
101.8303

■ 8.2367, 5.8134,
10.6456

■ 108.7681, 97.2753,
131.2039

■ 4.2999, 2.7319,
5.7179

137.9387,
124.9385, 165.7439

■ 1.8731, 0.9934,
2.6083

171.9077,
157.4043, 205.8689

■ 0.5612, 0.0000,
0.8967

211.0404,

■ 0.0000, 0.0000,

195.0569, 251.9974

0.0000

255.7021,
238.2809, 304.5480

■ 32.7616, 26.9594,
40.5227

■ 32.7616, 26.9594,
40.5227

■ 30.3983, 22.7267,
38.2112

■ 35.5384, 32.0054,
43.0125

■ 28.4244, 19.2605,
36.0688

■ 38.7464, 37.9009,
45.6860

■ 26.8172, 16.5148,
34.0878

■ 42.4050, 44.6846,
48.5501

■ 25.5503, 14.4372,
32.2594

■ 46.5318, 52.3915,
51.6110

■ 24.5940, 12.9682,
30.5731

■ 51.1434, 61.0548,
54.8746

■ 23.9132, 12.0376,
29.0170

■ 56.2557, 70.7060,
58.3464

■ 23.4362, 11.5025,
27.5669

■ 61.8838, 81.3753,
62.0317

■ 23.4260, 11.4914,
27.5347

■ 63.9561, 84.9194,
64.5737

■ 64.3399, 85.0729,
66.5949

Harmonies

Analogous

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



29.7673, 26.9594, 51.3553



32.7616, 26.9594, 40.5227



33.7916, 26.9594, 28.6179

Triad

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



32.7616, 26.9594, 40.5227



25.3657, 26.9594, 12.8080



19.8244, 26.9594, 42.1383

Complementary

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



32.7616, 26.9594, 40.5227



28.7522, 37.9509, 28.7332

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.



18.8917, 26.9594, 30.1031



32.7616, 26.9594, 40.5227



21.8844, 26.9594, 14.7517

Square

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



32.7616, 26.9594, 40.5227



29.2737, 26.9594, 14.2873



19.6067, 26.9594, 20.4531



22.2912, 26.9594, 52.4410

Rectangle

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



32.7616, 26.9594, 40.5227



33.1504, 26.9594, 22.0816



19.6067, 26.9594, 20.4531



19.3330, 26.9594, 38.0703

Sweetspot

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



32.7624, 26.9606, 40.5233



70.6491, 69.4425, 83.1584



25.3169, 23.0105, 45.2271



15.4536, 15.0182, 18.2633



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.



32.7624, 26.9606, 40.5233



56.3971, 43.4777, 70.5798



30.5610, 26.0800, 28.9305



8.7799, 8.6187, 10.3393



16.7832, 8.2308, 19.8159



0.5458, 0.2661, 0.7170

Inverse Universe

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



32.7624, 26.9606, 40.5233



56.3971, 43.4777, 70.5798



30.8310, 38.7824, 39.6802



8.7799, 8.6187, 10.3393



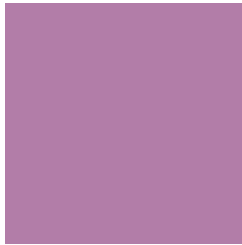
16.7832, 8.2308, 19.8159



0.5458, 0.2661, 0.7170

Previews

White Background



This preview shows how the XYZ color 32.7616, 26.9594, 40.5227 looks on a white background.

Color Contrast Check

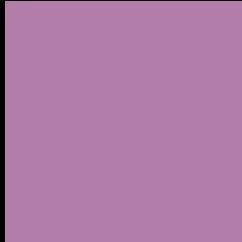
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7616, 26.9594, 40.5227 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 32.7616, 26.9594, 40.5227

Background



This preview shows how black text looks on a background with the XYZ color 32.7616, 26.9594, 40.5227.



This preview shows how white text looks on a background with the XYZ color 32.7616, 26.9594,

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

32.7616, 26.9594, 40.5227

Protanopia

27.3344, 27.2910, 46.4748

Deuteranopia

27.7012, 27.2016, 39.3877



Tritanopia

30.1718, 26.8574, 28.4047

Trichromacy



Original Color

32.7616, 26.9594, 40.5227

Protanomaly

28.7963, 26.8127, 44.2151

Deuteranomaly

29.3127, 26.9715, 39.7375

Tritanomaly

30.9034, 26.7543, 32.3895

Monochromacy



Original Color

32.7616, 26.9594, 40.5227

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.0218, 27.7792, 34.4041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7616, 26.9594, 40.5227 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(178, 125, 168)` looks like.

```
.text, #text, p{  
    color:rgb(178, 125, 168)  
}
```

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(178, 125, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 125, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.7616, 26.9594, 40.5227 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(178, 125, 168) }
```


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

```
.border{ border-color:rgb(178, 125, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 125, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 125, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 125, 168);  
box-shadow:4px 4px 4px 4px rgb(178, 125,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7616, 26.9594, 40.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 125, 168) }
```

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

```
.background{ background-color: rgb(178,  
125, 168) }
```

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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