

Converting Colors

XYZ(32.5241, 26.8284, 42.4232)

Have a look what the booklet for
XYZ(32.5241, 26.8284, 42.4232)
contains.

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Color

**XYZ(32.4592, 26.7597,
42.4841)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7DAC
RGB	175, 125, 172
RGB Percent	69%, 49%, 67%
CMY	0.3137, 0.5098, 0.3255
CMYK	0.00, 0.29, 0.02, 0.31
HSL	304°, 24%, 59%
HSV	304°, 29%, 69%
XYZ	32.4592, 26.7597, 42.4841
YIQ	145.3080, 14.7130, 25.2170

Conversions

Conversions Part 2

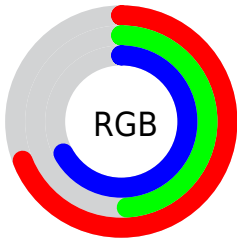
Format	Color
RYB	175, 125, 172
Decimal	11500972
CIELab	58.75, 27.29, -17.26
CIElCh	59, 32.290, 327.680
Yxy	26.7597, 0.3192, 0.2631
Android (android.graphics.Color)	4289691052 (0xFFAF7DAC)
YUV	145.3080, 13.1592, 26.0399
Hunter-Lab	51.7298, 21.4774, -12.4822

Details

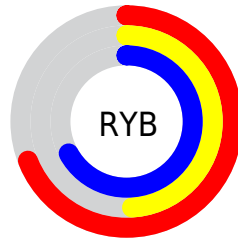
The XYZ color **32.4592, 26.7597, 42.4841** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.6848, 36.5793, 26.0249**, and the grayscale version is **26.9835, 28.3887, 30.9153**.

A 20% lighter version of the original color is **62.7405, 54.3758, 79.8618**, and **13.9323, 10.5258, 19.0667** is the 20% darker color. If you saturate the color by 10%, you get **30.3358, 22.6732, 41.2809**, and if you desaturate by 10%, it is **34.9754, 31.6295, 43.8227**.

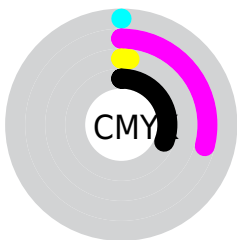
Distribution



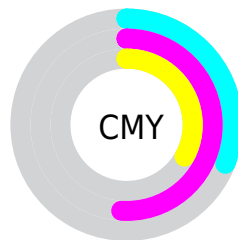
- Red (69%)
- Green (49%)
- Blue (67%)



- Red (69%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (31%)



- Cyan (31%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4592, 26.7597, 42.4841 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 32.4592, 26.7597, 42.4841 by changing the saturation by 10% instead.

■ 32.4592, 26.7597,
42.4841

■ 32.4592, 26.7597,
42.4841

304.9140,
286.4917, 372.3445

■ 21.8697, 17.3928,
29.1521

■ 62.8906, 54.4980,
80.2098

■ 13.8773, 10.5150,
18.9494

■ 83.4633, 73.6383,
105.4405

■ 8.1165, 5.7417,
11.4573

■ 108.0944, 96.8051,
135.4747

■ 4.2220, 2.6887,
6.2573

137.1493,
124.3829, 170.7307

■ 1.8285, 0.9714,
2.9308

170.9934,
156.7561, 211.6271

■ 0.5347, 0.0000,
1.0594

209.9919,

■ 0.0000, 0.0000,

194.3090, 258.5826

0.0000

254.5104,
237.4261, 312.0155

■ 32.4592, 26.7597,
42.4841

■ 32.4592, 26.7597,
42.4841

■ 30.3358, 22.6732,
41.2809

■ 34.9754, 31.6295,
43.8227

■ 28.5822, 19.3255,
40.2046

■ 37.9008, 37.3170,
45.3015

■ 27.1769, 16.6731,
39.2483

■ 41.2541, 43.8590,
46.9268

■ 26.0951, 14.6665,
38.4037

■ 45.0520, 51.2888,
48.7042

■ 25.3087, 13.2495,
37.6616

■ 49.3102, 59.6380,
50.6390

■ 24.7851, 12.3567,
37.0109

■ 54.0438, 68.9367,
52.7363

■ 24.4663, 11.8723,
36.4323

■ 59.2671, 79.2136,
55.0009

■ 24.4255, 11.8125,
36.3515

■ 61.7187, 83.9458,
56.3455

■ 61.8265, 83.9889,
56.9128

Harmonies

Analogous

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



29.1544, 26.7597, 53.1517



32.4592, 26.7597, 42.4841



33.8655, 26.7597, 30.0324

Triad

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



32.4592, 26.7597, 42.4841



25.7451, 26.7597, 12.2755



19.2458, 26.7597, 40.5400

Complementary

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



32.4592, 26.7597, 42.4841



27.6848, 36.5793, 26.0249

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.



18.5332, 26.7597, 28.2591



32.4592, 26.7597, 42.4841



22.0449, 26.7597, 13.7277

Square

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



32.4592, 26.7597, 42.4841



29.7457, 26.7597, 14.2715



19.5040, 26.7597, 18.9263



21.5610, 26.7597, 51.8390

Rectangle

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



32.4592, 26.7597, 42.4841



33.4378, 26.7597, 22.9790



19.5040, 26.7597, 18.9263



18.8221, 26.7597, 36.3067

Sweetspot

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



32.4600, 26.7609, 42.4847



67.5502, 66.1942, 80.9698



23.8997, 22.3142, 43.6055



14.8381, 14.3705, 17.9091



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.4600, 26.7609, 42.4847



55.7628, 43.3586, 74.7619



30.3196, 25.9047, 31.2131



8.3160, 8.1397, 9.9749



17.4998, 8.4625, 26.0751



0.4929, 0.2379, 0.7576

Inverse Universe

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



32.4600, 26.7609, 42.4847



55.7628, 43.3586, 74.7619



29.4969, 37.3042, 35.5677



8.3160, 8.1397, 9.9749



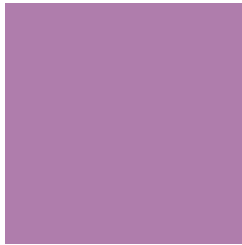
17.4998, 8.4625, 26.0751



0.4929, 0.2379, 0.7576

Previews

White Background



This preview shows how the XYZ color 32.4592, 26.7597, 42.4841 looks on a white background.

Color Contrast Check

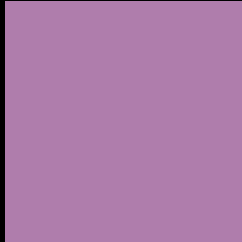
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4592, 26.7597, 42.4841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

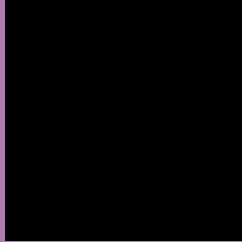
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4592, 26.7597, 42.4841

Background



This preview shows how black text looks on a background with the XYZ color 32.4592, 26.7597, 42.4841.



This preview shows how white text looks on a background with the XYZ color 32.4592, 26.7597,

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

32.4592, 26.7597, 42.4841

Protanopia

27.2854, 27.0004, 48.5732

Deuteranopia

27.4052, 26.7923, 41.2631



Tritanopia

29.7186, 26.8136, 28.8085

Trichromacy



Original Color

32.4592, 26.7597, 42.4841

Protanomaly

28.8333, 26.7857, 46.2983

Deuteranomaly

28.9697, 26.5474, 41.6275

Tritanomaly

30.5310, 26.7382, 33.2576

Monochromacy



Original Color

32.4592, 26.7597, 42.4841

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.7152, 27.6114, 34.8264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4592, 26.7597, 42.4841 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(175, 125, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 125, 172) }
```

Border

The CSS property to change the border of an element to XYZ 32.4592, 26.7597, 42.4841 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, 172) }
```


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

```
.border{ border-color:rgb(175, 125, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 125, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 125, 172);  
box-shadow:4px 4px 4px 4px rgb(175, 125,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4592, 26.7597, 42.4841 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, 172) }
```

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

```
.background{ background-color: rgb(175,  
125, 172) }
```

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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