

Converting Colors

XYZ(32.7319, 24.1538, 40.9672)

Have a look what the booklet for
XYZ(32.7319, 24.1538, 40.9672)
contains.

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Color

**XYZ(32.7319, 24.1538,
40.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	B96DAA
RGB	185, 109, 170
RGB Percent	73%, 43%, 67%
CMY	0.2745, 0.5725, 0.3333
CMYK	0.00, 0.41, 0.08, 0.27
HSL	312°, 35%, 58%
HSV	312°, 41%, 73%
XYZ	32.7319, 24.1538, 40.9672
YIQ	138.6780, 25.7150, 35.0830

Conversions

Conversions Part 2

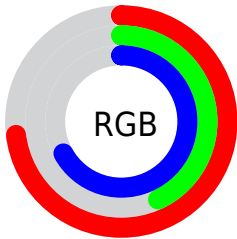
Format	Color
RYB	185, 109, 170
Decimal	12152234
CIELab	56.24, 39.08, -19.83
CIELCh	56, 43.825, 333.096
Yxy	24.1538, 0.3345, 0.2468
Android (android.graphics.Color)	4290342314 (0xFFB96DAA)
YUV	138.6780, 15.4417, 40.6244
Hunter-Lab	49.1465, 32.8758, -15.0200

Details

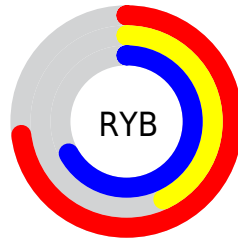
The XYZ color **32.7319, 24.1538, 40.9672** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.2947, 39.4051, 25.2377**, and the grayscale version is **24.3532, 25.6215, 27.9018**.

A 20% lighter version of the original color is **63.1289, 50.1541, 77.5876**, and **13.9890, 9.0799, 18.1548** is the 20% darker color. If you saturate the color by 10%, you get **30.6217, 20.4781, 38.5832**, and if you desaturate by 10%, it is **35.2686, 28.6662, 43.5411**.

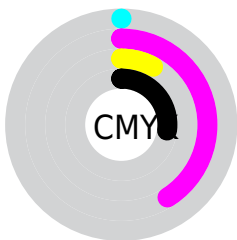
Distribution



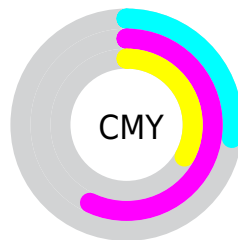
- Red (73%)
- Green (43%)
- Blue (67%)



- Red (73%)
- Yellow (43%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (8%)
- Black (27%)



- Cyan (27%)
- Magenta (57%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7319, 24.1538, 40.9672 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 32.7319, 24.1538, 40.9672 by changing the saturation by 10% instead.

32.7319, 24.1538,
40.9672

32.7319, 24.1538,
40.9672

306.1263,
273.5971, 365.8561

22.0794, 15.4477,
27.9739

63.3142, 50.2811,
77.8872

14.0322, 9.1342,
18.0672

83.9747, 68.4711,
102.6511

8.2249, 4.8288,
10.8283

108.7020, 90.5912,
132.1756

4.2922, 2.1472,
5.8388

137.8613,
117.0258, 166.8792

1.8687, 0.6910,
2.6801

171.8180,
148.1593, 207.1805

0.5586, 0.0000,
0.9334

210.9375,

0.0000, 0.0000,

184.3761, 253.4981

0.0000

255.5852,
226.0606, 306.2504

■ 32.7319, 24.1538,
40.9672

■ 32.7319, 24.1538,
40.9672

■ 30.6217, 20.4781,
38.5832

■ 35.2686, 28.6662,
43.5411

■ 28.9092, 17.5832,
36.3786

■ 38.2535, 34.0600,
46.3120

■ 27.5660, 15.4116,
34.3437

■ 41.7097, 40.3806,
49.2879

■ 26.5585, 13.8965,
32.4668

■ 45.6578, 47.6695,
52.4764

■ 25.8471, 12.9587,
30.7344

■ 50.1173, 55.9654,
55.8841

■ 25.3916, 12.4679,
29.2871

■ 55.1067, 65.3051,
59.5176

■ 60.6435, 75.7235,
63.3831

■ 66.1014, 85.9678,
67.2722

■ 66.5312, 86.1397,
69.5355

Harmonies

Analogous

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



28.6676, 24.1538, 57.0852



32.7319, 24.1538, 40.9672



34.0606, 24.1538, 24.8284

Triad

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



32.7319, 24.1538, 40.9672



22.4379, 24.1538, 7.1778



15.7567, 24.1538, 44.5569

Complementary

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



32.7319, 24.1538, 40.9672



27.2947, 39.4051, 25.2377

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.



14.5749, 24.1538, 27.8274



32.7319, 24.1538, 40.9672



18.0609, 24.1538, 9.2244

Square

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



32.7319, 24.1538, 40.9672



27.6289, 24.1538, 8.4986



15.3529, 24.1538, 15.6316



18.8447, 24.1538, 59.6358

Rectangle

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



32.7319, 24.1538, 40.9672



33.0779, 24.1538, 16.8435



15.3529, 24.1538, 15.6316



15.1456, 24.1538, 38.7614

Sweetspot

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



32.7327, 24.1549, 40.9677



73.9663, 70.9713, 87.6593



22.3855, 18.6473, 48.3189



15.7660, 14.9705, 18.7462



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.7327, 24.1549, 40.9677



55.2850, 37.4373, 69.6291



29.7154, 22.9480, 25.0789



9.3029, 9.1315, 10.9424



17.3153, 8.4999, 20.0790



0.6301, 0.3075, 0.8114

Inverse Universe

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



32.7327, 24.1549, 40.9677



55.2850, 37.4373, 69.6291



30.0837, 40.5207, 39.9240



9.3029, 9.1315, 10.9424



17.3153, 8.4999, 20.0790



0.6301, 0.3075, 0.8114

Previews

White Background



This preview shows how the XYZ color 32.7319, 24.1538, 40.9672 looks on a white background.

Color Contrast Check

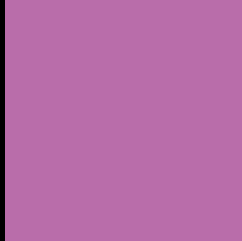
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7319, 24.1538, 40.9672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

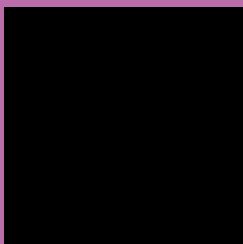
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7319, 24.1538, 40.9672

Background



This preview shows how black text looks on a background with the XYZ color 32.7319, 24.1538, 40.9672.



This preview shows how white text looks on a background with the XYZ color 32.7319, 24.1538,

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

32.7319, 24.1538, 40.9672

Protanopia

25.0724, 24.3278, 50.9512

Deuteranopia

24.8071, 24.2422, 39.4481



Tritanopia

29.1316, 24.1925, 23.2129

Trichromacy



Original Color

32.7319, 24.1538, 40.9672

Protanomaly

26.8758, 23.5911, 46.8531

Deuteranomaly

27.1316, 23.8807, 39.7387

Tritanomaly

30.3801, 24.1897, 29.0545

Monochromacy



Original Color

32.7319, 24.1538, 40.9672

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.9345, 24.7083, 32.2037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7319, 24.1538, 40.9672 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(185, 109, 170)` looks like.

```
.text, #text, p{  
    color:rgb(185, 109, 170)  
}
```

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(185, 109, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 109, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.7319, 24.1538, 40.9672 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(185, 109, 170) }
```


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

```
.border{ border-color:rgb(185, 109, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 109, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 109, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 109, 170); box-shadow:4px 4px 4px 4px rgb(185, 109, 170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7319, 24.1538, 40.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 109, 170) }
```

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

```
.background{ background-color: rgb(185,  
109, 170) }
```

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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