

Converting Colors

XYZ(32.4926, 24.5256, 35.3537)

Have a look what the booklet for
XYZ(32.4926, 24.5256, 35.3537)
contains.

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Color

**XYZ(32.3495, 24.4023,
35.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	BB6F9E
RGB	187, 111, 158
RGB Percent	73%, 44%, 62%
CMY	0.2667, 0.5647, 0.3804
CMYK	0.00, 0.41, 0.16, 0.27
HSL	323°, 36%, 58%
HSV	323°, 41%, 73%
XYZ	32.3495, 24.4023, 35.3529
YIQ	139.0820, 30.2090, 30.7290

Conversions

Conversions Part 2

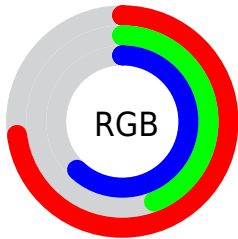
Format	Color
RYB	187, 111, 158
Decimal	12283806
CIELab	56.49, 36.65, -12.48
CIELCh	56, 38.715, 341.190
Yxy	24.4023, 0.3512, 0.2649
Android (android.graphics.Color)	4290473886 (0xFFBB6F9E)
YUV	139.0820, 9.3266, 42.0241
Hunter-Lab	49.3987, 30.4458, -7.8527

Details

The XYZ color **32.3495, 24.4023, 35.3529** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **29.0605, 40.8143, 31.1590**, and the grayscale version is **24.5299, 25.8074, 28.1042**.

A 20% lighter version of the original color is **62.5939, 50.5881, 69.4162**, and **13.8383, 9.3046, 14.9765** is the 20% darker color. If you saturate the color by 10%, you get **29.9222, 20.5020, 31.6009**, and if you desaturate by 10%, it is **35.2411, 29.1733, 39.4362**.

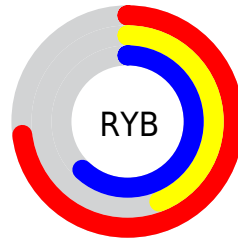
Distribution



Red (73%)

Green (44%)

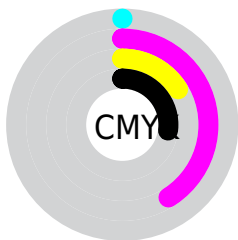
Blue (62%)



Red (73%)

Yellow (44%)

Blue (62%)

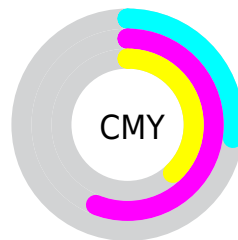


Cyan (0%)

Magenta (41%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (56%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3495, 24.4023, 35.3529 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 32.3495, 24.4023, 35.3529 by changing the saturation by 10% instead.

 32.3495, 24.4023,
35.3529


 32.3495, 24.4023,
35.3529


304.4253,
274.8481, 341.0747

 21.7854, 15.6323,
23.6491


 62.7201, 50.6859,
69.1899


 13.8150, 9.2643,
14.8638


 83.2573, 68.9683,
92.1601

 8.0730, 4.9140,
8.5783


 107.8497, 91.1903,
119.7230

 4.1939, 2.1969,
4.3741

 136.8625,
117.7363, 152.2969

 1.8124, 0.7183,
1.8327

170.6611,
148.9907, 190.3006

 0.5251, 0.0000,
0.4494

209.6109,

 0.0000, 0.0000,

185.3379, 234.1524

0.0000

254.0772,
227.1622, 284.2709

■ 32.3495, 24.4023,
35.3529

■ 32.3495, 24.4023,
35.3529

■ 29.9222, 20.5020,
31.6009

■ 35.2411, 29.1733,
39.4362

■ 27.9295, 17.4151,
28.1665

■ 38.6198, 34.8610,
43.8605

■ 26.3415, 15.0827,
25.0371

■ 42.5097, 41.5120,
48.6368

■ 25.1237, 13.4362,
22.1979

■ 46.9324, 49.1689,
53.7753

■ 24.2348, 12.3947,
19.6320

■ 51.9085, 57.8718,
59.2853

■ 23.6252, 11.8175,
17.4497

■ 57.4572, 67.6583,
65.1760

■ 63.5968, 78.5644,
71.4561

■ 68.5307, 86.9957,
77.5291

■ 69.4685, 87.3708,
82.4675

Harmonies

Analogous

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



29.3474, 24.4023, 49.8192



32.3495, 24.4023, 35.3529



32.7211, 24.4023, 22.0604

Triad

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



32.3495, 24.4023, 35.3529



21.5604, 24.4023, 8.9628



17.2918, 24.4023, 46.3738

Complementary

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



32.3495, 24.4023, 35.3529



29.0605, 40.8143, 31.1590

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.



15.7223, 24.4023, 31.6556



32.3495, 24.4023, 35.3529



17.9665, 24.4023, 11.9836

Square

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



32.3495, 24.4023, 35.3529



26.0861, 24.4023, 9.3806



15.9523, 24.4023, 19.3773



20.5234, 24.4023, 57.4665

Rectangle

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



32.3495, 24.4023, 35.3529



31.3785, 24.4023, 15.7243



15.9523, 24.4023, 19.3773



16.5724, 24.4023, 41.5184

Sweetspot

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



32.3502, 24.4034, 35.3534



74.9894, 72.3790, 85.7358



25.2804, 20.4356, 49.6260



16.3056, 15.5816, 18.6288



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.3502, 24.4034, 35.3534



53.9276, 37.2527, 57.1436



29.6382, 23.3186, 21.0723



9.7714, 9.6329, 11.1853



16.3140, 8.1567, 12.2129



0.6700, 0.3319, 0.6414

Inverse Universe

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



32.3502, 24.4034, 35.3534



53.9276, 37.2527, 57.1436



32.2492, 42.0897, 47.9503



9.7714, 9.6329, 11.1853



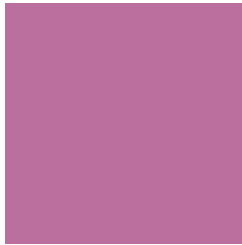
16.3140, 8.1567, 12.2129



0.6700, 0.3319, 0.6414

Previews

White Background



This preview shows how the XYZ color 32.3495, 24.4023, 35.3529 looks on a white background.

Color Contrast Check

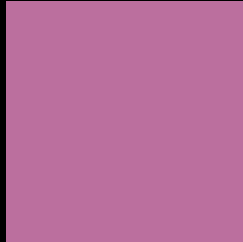
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3495, 24.4023, 35.3529 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 32.3495, 24.4023, 35.3529

Background



This preview shows how black text looks on a background with the XYZ color 32.3495, 24.4023, 35.3529.



This preview shows how white text looks on a background with the XYZ color 32.3495, 24.4023,

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

32.3495, 24.4023, 35.3529

Protanopia

24.7693, 24.5418, 43.4760

Deuteranopia

24.8992, 24.4111, 33.9713



Tritanopia

29.6556, 24.2962, 22.8653

Trichromacy



Original Color

32.3495, 24.4023, 35.3529

Protanomaly

26.7415, 24.0448, 40.2775

Deuteranomaly

27.0287, 23.9500, 34.2086

Tritanomaly

30.4853, 24.2868, 27.1258

Monochromacy



Original Color

32.3495, 24.4023, 35.3529

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.7489, 24.8438, 30.5796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3495, 24.4023, 35.3529 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(187, 111, 158)` looks like.

```
.text, #text, p{  
    color:rgb(187, 111, 158)  
}
```

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(187, 111, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 111, 158) }
```

Border

The CSS property to change the border of an element to XYZ 32.3495, 24.4023, 35.3529 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(187, 111, 158) }
```


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

```
.border{ border-color:rgb(187, 111, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 111, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 111, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 111, 158);  
box-shadow:4px 4px 4px 4px rgb(187, 111,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3495, 24.4023, 35.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 111, 158) }
```

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

```
.background{ background-color: rgb(187,  
111, 158) }
```

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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