

Converting Colors

XYZ(32.3257, 24.9035, 43.4329)

Have a look what the booklet for
XYZ(32.3257, 24.9035, 43.4329)
contains.

XYZ(32.4590, 24.9403, 43.6606)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.4590, 24.9403,
43.6606)**

Conversions

Conversions Part 1

Format	Color
Hex	B373AF
RGB	179, 115, 175
RGB Percent	70%, 45%, 69%
CMY	0.2980, 0.5490, 0.3137
CMYK	0.00, 0.36, 0.02, 0.30
HSL	304°, 30%, 58%
HSV	304°, 36%, 70%
XYZ	32.4590, 24.9403, 43.6606
YIQ	140.9760, 18.8840, 32.2280

Conversions

Conversions Part 2

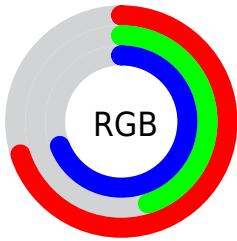
Format	Color
R_{YB}	179, 115, 175
Decimal	11760559
CIE _{Lab}	57.02, 34.76, -21.59
CIE _{LCh}	57, 40.921, 328.155
Yxy	24.9403, 0.3212, 0.2468
Android (android.graphics.Color)	4289950639 (0xFFB373AF)
YUV	140.9760, 16.7738, 33.3470
Hunter-Lab	49.9403, 28.6218, -16.8765

Details

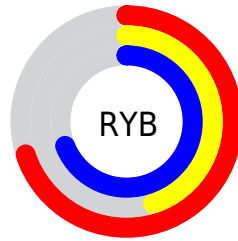
The XYZ color **32.4590, 24.9403, 43.6606** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.5211, 37.2178, 23.2401**, and the grayscale version is **25.2399, 26.5543, 28.9177**.

A 20% lighter version of the original color is **63.0185, 51.6077, 82.2411**, and **13.8606, 9.5457, 19.5243** is the 20% darker color. If you saturate the color by 10%, you get **30.5034, 21.2038, 42.4690**, and if you desaturate by 10%, it is **34.8134, 29.4720, 44.9902**.

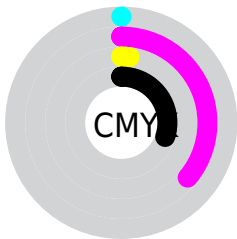
Distribution



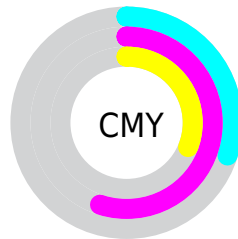
- Red (70%)
- Green (45%)
- Blue (69%)



- Red (70%)
- Yellow (45%)
- Blue (69%)



- Cyan (0%)
- Magenta (36%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4590, 24.9403, 43.6606 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 32.4590, 24.9403, 43.6606 by changing the saturation by 10% instead.

■ 32.4590, 24.9403,
43.6606

■ 32.4590, 24.9403,
43.6606

304.9131,
277.5405, 377.3222

■ 21.8696, 16.0326,
30.0685

■ 62.8903, 51.5604,
82.0038

■ 13.8772, 9.5472,
19.6381

■ 83.4629, 70.0415,
107.5920

■ 8.1164, 5.0998,
11.9508

■ 108.0940, 92.4825,
138.0161

■ 4.2220, 2.3059,
6.5881

137.1488,
119.2679, 173.6944

■ 1.8285, 0.7768,
3.1313

170.9928,
150.7820, 215.0457

■ 0.5347, 0.0000,
1.1621

209.9912,

■ 0.0000, 0.0000,

187.4092, 262.4884

0.0000

254.5096,
229.5339, 316.4411

■ 32.4590, 24.9403,
43.6606

■ 32.4590, 24.9403,
43.6606

■ 30.5034, 21.2038,
42.4690

■ 34.8134, 29.4720,
44.9902

■ 28.9213, 18.2132,
41.4061

■ 37.5854, 34.8380,
46.4632

■ 27.6879, 15.9187,
40.4639

■ 40.7955, 41.0786,
48.0867

■ 26.7748, 14.2633,
39.6329

■ 44.4622, 48.2309,
49.8670

■ 26.1488, 13.1807,
38.9021

■ 48.6027, 56.3295,
51.8098

■ 25.7679, 12.5868,
38.2575

■ 53.2336, 65.4073,
53.9205

■ 25.6410, 12.4040,
37.9966

■ 58.3705, 75.4956,
56.2045

■ 62.9974, 84.5625,
58.3231

■ 63.1152, 84.6096,
58.9431

Harmonies

Analogous

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



28.3411, 24.9403, 57.8331



32.4590, 24.9403, 43.6606



34.1995, 24.9403, 28.0172

Triad

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



32.4590, 24.9403, 43.6606



24.0039, 24.9403, 8.3562



16.4516, 24.9403, 41.6654

Complementary

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



32.4590, 24.9403, 43.6606



26.5211, 37.2178, 23.2401

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.



15.6124, 24.9403, 26.3122



32.4590, 24.9403, 43.6606



19.6042, 24.9403, 9.8603

Square

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



32.4590, 24.9403, 43.6606



28.9258, 24.9403, 10.3005



16.6861, 24.9403, 15.4432



19.1535, 24.9403, 56.4335

Rectangle

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



32.4590, 24.9403, 43.6606



33.6211, 24.9403, 19.7121



16.6861, 24.9403, 15.4432



15.9598, 24.9403, 36.2708

Sweetspot

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



32.4598, 24.9414, 43.6611



69.8396, 67.2985, 84.5069



21.7669, 19.3830, 45.2425



15.3055, 14.5845, 18.6374



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.



32.4598, 24.9414, 43.6611



55.2844, 39.2203, 76.4732



29.7408, 23.8538, 29.3433



8.8266, 8.6374, 10.5855



18.1279, 8.7687, 26.8971



0.5772, 0.2786, 0.8824

Inverse Universe

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



32.4598, 24.9414, 43.6611



55.2844, 39.2203, 76.4732



28.7124, 38.0943, 34.7793



8.8266, 8.6374, 10.5855



18.1279, 8.7687, 26.8971



0.5772, 0.2786, 0.8824

Previews

White Background



This preview shows how the XYZ color 32.4590, 24.9403, 43.6606 looks on a white background.

Color Contrast Check

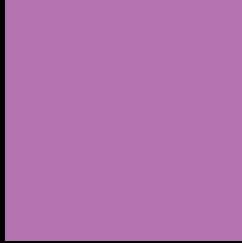
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4590, 24.9403, 43.6606 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 32.4590, 24.9403, 43.6606

Background



This preview shows how black text looks on a background with the XYZ color 32.4590, 24.9403, 43.6606.



This preview shows how white text looks on a background with the XYZ color 32.4590, 24.9403,

43.6606.

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

32.4590, 24.9403, 43.6606

Protanopia

25.8434, 25.1106, 52.1999

Deuteranopia

25.5486, 24.9770, 42.0026



Tritanopia

28.8968, 25.1074, 25.5135

Trichromacy



Original Color

32.4590, 24.9403, 43.6606

Protanomaly

27.6315, 24.6919, 49.2086

Deuteranomaly

27.6134, 24.6413, 42.3306

Tritanomaly

30.0872, 25.0430, 31.2650

Monochromacy



Original Color

32.4590, 24.9403, 43.6606

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.5186, 25.7710, 33.6609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4590, 24.9403, 43.6606 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(179, 115, 175)` looks like.

```
.text, #text, p{  
    color:rgb(179, 115, 175)  
}
```

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(179, 115, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 115, 175) }
```

Border

The CSS property to change the border of an element to XYZ 32.4590, 24.9403, 43.6606 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(179, 115, 175) }
```


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

```
.border{ border-color:rgb(179, 115, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 115, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 115, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 115, 175);  
box-shadow:4px 4px 4px 4px rgb(179, 115,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4590, 24.9403, 43.6606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 115, 175) }
```

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

```
.background{ background-color: rgb(179,  
115, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor