

Converting Colors

XYZ(32.0541, 24.5969, 42.0880)

Have a look what the booklet for
XYZ(32.0541, 24.5969, 42.0880)
contains.

XYZ(32.0541, 24.5969, 42.0880)	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(32.0541, 24.5969,
42.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	B372AC
RGB	179, 114, 172
RGB Percent	70%, 45%, 67%
CMY	0.2980, 0.5529, 0.3255
CMYK	0.00, 0.36, 0.04, 0.30
HSL	306°, 30%, 57%
HSV	306°, 36%, 70%
XYZ	32.0541, 24.5969, 42.0880
YIQ	140.0470, 20.1220, 31.8180

Conversions

Conversions Part 2

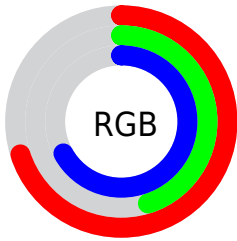
Format	Color
RYB	179, 114, 172
Decimal	11760300
CIELab	56.68, 34.75, -20.38
CIELCh	57, 40.287, 329.613
Yxy	24.5969, 0.3246, 0.2491
Android (android.graphics.Color)	4289950380 (0xFFB372AC)
YUV	140.0470, 15.7528, 34.1618
Hunter-Lab	49.5953, 28.5753, -15.5986

Details

The XYZ color **32.0541, 24.5969, 42.0880** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.5117, 37.1988, 23.8734**, and the grayscale version is **24.8815, 26.1772, 28.5070**.

A 20% lighter version of the original color is **62.4144, 51.0717, 79.9670**, and **13.6810, 9.3828, 18.8593** is the 20% darker color. If you saturate the color by 10%, you get **30.0456, 20.8736, 40.5118**, and if you desaturate by 10%, it is **34.4619, 29.1136, 43.8111**.

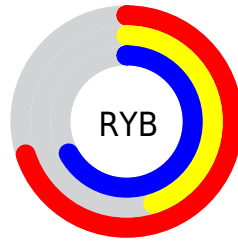
Distribution



Red (70%)

Green (45%)

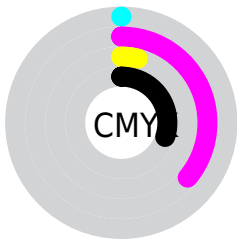
Blue (67%)



Red (70%)

Yellow (45%)

Blue (67%)

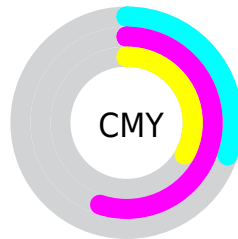


Cyan (0%)

Magenta (36%)

Yellow (4%)

Black (30%)



Cyan (30%)


Magenta (55%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0541, 24.5969, 42.0880 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 32.0541, 24.5969, 42.0880 by changing the saturation by 10% instead.

 32.0541, 24.5969,
42.0880


 32.0541, 24.5969,
42.0880


303.1065,
275.8245, 370.6580

 21.5586, 15.7770,
28.8441


 62.2605, 51.0025,
79.6043

 13.6477, 9.3665,
18.7184


 82.7021, 69.3570,
104.7138

 7.9561, 4.9810,
11.2922


 107.1898, 91.6585,
134.6157

 4.1184, 2.2361,
6.1471

 136.0889,
118.2914, 169.7283

 1.7694, 0.7396,
2.8645

169.7647,
149.6400, 210.4703

 0.4991, 0.0000,
1.0259

208.5827,

 0.0000, 0.0000,

186.0888, 257.2602

0.0000

252.9082,
228.0222, 310.5166

■ 32.0541, 24.5969,
42.0880

■ 32.0541, 24.5969,
42.0880

■ 30.0456, 20.8736,
40.5118

■ 34.4619, 29.1136,
43.8111

■ 28.4109, 17.8942,
39.0732

■ 37.2881, 34.4631,
45.6866

■ 27.1253, 15.6086,
37.7641


■ 40.5530, 40.6858,
47.7218


■ 26.1600, 13.9593,
36.5748


■ 44.2753, 47.8188,
49.9228


■ 25.4815, 12.8796,
35.4941


■ 48.4723, 55.8970,
52.2956

 25.0455, 12.2804,
34.5073

 53.1606, 64.9534,
54.8456

 24.9115, 12.1122,
34.1554

 58.3559, 75.0193,
57.5783

 63.3657, 84.7098,
60.2627

 63.5741, 84.7932,
61.3603

Harmonies

Analogous

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



28.1248, 24.5969, 56.1003



32.0541, 24.5969, 42.0880



33.6074, 24.5969, 26.9565

Triad

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



32.0541, 24.5969, 42.0880



23.4395, 24.5969, 8.3658



16.3813, 24.5969, 41.6813

Complementary

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



32.0541, 24.5969, 42.0880



26.5117, 37.1988, 23.8734

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.



15.4695, 24.5969, 26.6080



32.0541, 24.5969, 42.0880



19.1989, 24.5969, 10.0169

Square

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



32.0541, 24.5969, 42.0880



28.2441, 24.5969, 10.1077



16.4294, 24.5969, 15.7254



19.1066, 24.5969, 55.8155

Rectangle

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



32.0541, 24.5969, 42.0880



32.9455, 24.5969, 19.0132



16.4294, 24.5969, 15.7254



15.8701, 24.5969, 36.4220

Sweetspot

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



32.0549, 24.5980, 42.0885



69.6777, 67.2337, 83.6542



21.9704, 19.3195, 45.2194



15.2654, 14.5685, 18.4262



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.



32.0549, 24.5980, 42.0885



54.3289, 38.3389, 72.9808



29.3423, 23.5129, 27.8040



8.8098, 8.6306, 10.4969



17.6180, 8.5648, 24.2121



0.5655, 0.2740, 0.8208

Inverse Universe

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



32.0549, 24.5980, 42.0885



54.3289, 38.3389, 72.9808



28.8102, 38.1182, 35.9771



8.8098, 8.6306, 10.4969



17.6180, 8.5648, 24.2121



0.5655, 0.2740, 0.8208

Previews

White Background



This preview shows how the XYZ color 32.0541, 24.5969, 42.0880 looks on a white background.

Color Contrast Check

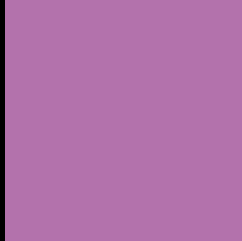
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0541, 24.5969, 42.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

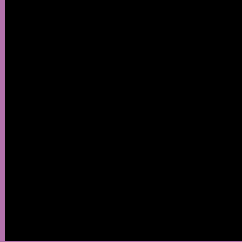
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0541, 24.5969, 42.0880

Background



This preview shows how black text looks on a background with the XYZ color 32.0541, 24.5969, 42.0880.



This preview shows how white text looks on a background with the XYZ color 32.0541, 24.5969,

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

32.0541, 24.5969, 42.0880

Protanopia

25.5188, 24.9807, 50.4905

Deuteranopia

25.2658, 24.8639, 40.5133



Tritanopia

28.5118, 24.5564, 24.7099

Trichromacy



Original Color

32.0541, 24.5969, 42.0880

Protanomaly

27.1882, 24.3069, 47.5147

Deuteranomaly

27.3285, 24.5273, 40.8300

Tritanomaly

29.6896, 24.4991, 30.3581

Monochromacy



Original Color

32.0541, 24.5969, 42.0880

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.1102, 25.3696, 33.1737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0541, 24.5969, 42.0880 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, 114, 172)` looks like.

```
.text, #text, p{  
    color:rgb(179, 114, 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(179, 114, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 114, 172) }
```

Border

The CSS property to change the border of an element to XYZ 32.0541, 24.5969, 42.0880 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, 114, 172) }
```


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

```
.border{ border-color:rgb(179, 114, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 114, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 114, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 114, 172);  
box-shadow:4px 4px 4px 4px rgb(179, 114,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0541, 24.5969, 42.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 114, 172) }
```

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

```
.background{ background-color: rgb(179,  
114, 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](#).

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