

Converting Colors

XYZ(32.3494, 24.8711, 74.9934)

Have a look what the booklet for
XYZ(32.3494, 24.8711, 74.9934)
contains.

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Color

**XYZ(32.3569, 24.8877,
75.0499)**

Conversions

Conversions Part 1

Format	Color
Hex	9377E2
RGB	147, 119, 226
RGB Percent	58%, 47%, 89%
CMY	0.4235, 0.5333, 0.1137
CMYK	0.35, 0.47, 0.00, 0.11
HSL	256°, 65%, 68%
HSV	256°, 47%, 89%
XYZ	32.3569, 24.8877, 75.0499
YIQ	139.5700, -17.6590, 39.2130

Conversions

Conversions Part 2

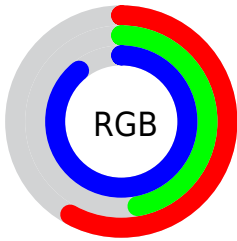
Format	Color
RYB	147, 119, 226
Decimal	9664482
CIELab	56.97, 34.62, -50.87
CIELCh	57, 61.527, 304.237
Yxy	24.8877, 0.2446, 0.1881
Android (android.graphics.Color)	4287854562 (0xFF9377E2)
YUV	139.5700, 42.6100, 6.5161
Hunter-Lab	49.8876, 28.4712, -54.2734

Details

The XYZ color **32.3569, 24.8877, 75.0499** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **53.8151, 67.7308, 27.6905**, and the grayscale version is **24.6067, 25.8882, 28.1922**.

A 20% lighter version of the original color is **57.7044, 49.5624, 101.1329**, and **13.8595, 9.5579, 39.1446** is the 20% darker color. If you saturate the color by 10%, you get **27.2020, 18.7014, 74.1280**, and if you desaturate by 10%, it is **38.5873, 32.5784, 76.2065**.

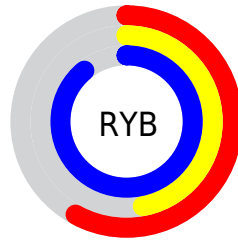
Distribution



Red (58%)

Green (47%)

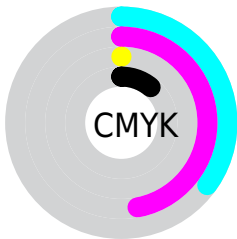
Blue (89%)



Red (58%)

Yellow (47%)

Blue (89%)

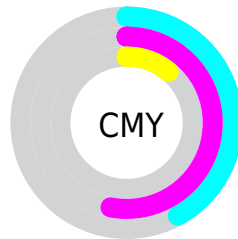


Cyan (35%)

Magenta (47%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (53%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3569, 24.8877, 75.0499 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 32.3569, 24.8877, 75.0499 by changing the saturation by 10% instead.

■ 32.3569, 24.8877,
75.0499

■ 32.3569, 24.8877,
75.0499

304.4583,
277.2782, 497.3491

■ 21.7911, 15.9934,
55.1518

■ 62.7316, 51.4750,
128.1307

■ 13.8192, 9.5195,
39.1238

■ 83.2712, 69.9368,
162.1506

■ 8.0759, 5.0815,
26.5475

■ 107.8662, 92.3565,
201.7147

■ 4.1958, 2.2952,
17.0043

136.8818,
119.1186, 247.2417

■ 1.8135, 0.7712,
10.0755

170.6835,
150.6074, 299.1501

■ 0.5258, 0.0000,
5.3428

209.6366,

■ 0.0000, 0.0000,

187.2073, 357.8584

2.3875

254.1064,
229.3028, 423.7852

■ 0.0000, 0.0000,
0.7796

■ 0.0000, 0.0000,
0.0000

■ 32.3569, 24.8877,
75.0499

■ 32.3569, 24.8877,
75.0499

■ 27.2020, 18.7014,
74.1280

■ 38.5873, 32.5784,
76.2065

■ 23.0548, 13.9150,
73.4227

■ 45.9491, 41.8629,
77.6105

■ 19.8443, 10.4148,
72.9163

■ 54.4979, 52.8265,
79.2761

■ 17.4875, 8.0672,
72.5874

■ 64.2845, 65.5478,
81.2158

■ 15.8795, 6.6971,
72.4077

■ 75.3569, 80.1004,
83.4411

■ 15.5397, 6.4252,
72.3731

■ 87.7603, 96.5535,
85.9632

■ 90.7276, 98.2710,
86.1383

Harmonies

Analogous

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



24.6955, 24.8877, 89.2327



32.3569, 24.8877, 75.0499



38.4900, 24.8877, 48.3141

Triad

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



32.3569, 24.8877, 75.0499



30.2169, 24.8877, 4.7472



12.3355, 24.8877, 30.1432

Complementary

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



32.3569, 24.8877, 75.0499



53.8151, 67.7308, 27.6905

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.



13.2256, 24.8877, 13.2302



32.3569, 24.8877, 75.0499



22.6441, 24.8877, 3.6427

Square

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



32.3569, 24.8877, 75.0499



37.0886, 24.8877, 10.3198



16.6725, 24.8877, 5.7275



13.9339, 24.8877, 56.1873

Rectangle

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



32.3569, 24.8877, 75.0499



40.3306, 24.8877, 31.2904



16.6725, 24.8877, 5.7275



12.3564, 24.8877, 23.2987

Sweetspot

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



32.3579, 24.8886, 75.0505



75.6590, 74.6390, 105.0268



41.8169, 50.3756, 79.4714



15.6178, 15.2293, 22.3663



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.3579, 24.8886, 75.0505



35.7445, 24.5633, 97.4650



43.9445, 30.8617, 75.5927



13.2867, 13.4158, 17.2769



8.9603, 3.7145, 41.2931



0.7041, 0.3003, 2.8661

Inverse Universe

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



48.1544, 33.4403, 57.3425



59.2978, 37.3443, 69.7030



42.3365, 61.8133, 27.1533



14.1339, 13.8712, 16.4750



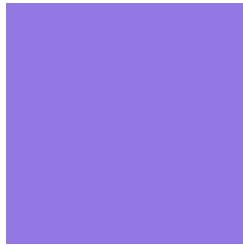
21.9161, 10.8334, 22.0216



1.5552, 0.7654, 1.7165

Previews

White Background



This preview shows how the XYZ color 32.3569, 24.8877, 75.0499 looks on a white background.

Color Contrast Check

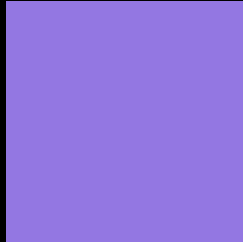
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3569, 24.8877, 75.0499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

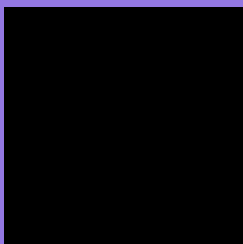
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3569, 24.8877, 75.0499

Background



This preview shows how black text looks on a background with the XYZ color 32.3569, 24.8877, 75.0499.



This preview shows how white text looks on a background with the XYZ color 32.3569, 24.8877,

75.0499.

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

32.3569, 24.8877, 75.0499

Protanopia

27.9920, 25.0818, 85.0273

Deuteranopia

25.8768, 25.0965, 72.5875



Tritanopia

23.4969, 24.7753, 31.5607

Trichromacy



Original Color

32.3569, 24.8877, 75.0499

Protanomaly

28.8771, 24.6301, 81.0740

Deuteranomaly

27.4863, 24.4811, 73.0887

Tritanomaly

25.9724, 24.3341, 44.4023

Monochromacy



Original Color

32.3569, 24.8877, 75.0499

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.9296, 25.2824, 41.9887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3569, 24.8877, 75.0499 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(147, 119, 226)` looks like.

```
.text, #text, p{  
    color:rgb(147, 119, 226)  
}
```

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(147, 119, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 119, 226) }
```

Border

The CSS property to change the border of an element to XYZ 32.3569, 24.8877, 75.0499 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(147, 119, 226) }
```


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

```
.border{ border-color:rgb(147, 119, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 119, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 119, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 119, 226);  
box-shadow:4px 4px 4px 4px rgb(147, 119,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3569, 24.8877, 75.0499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 119, 226) }
```

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

```
.background{ background-color: rgb(147,  
119, 226) }
```

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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