

Converting Colors

XYZ(32.3308, 25.6221, 41.2844)

Have a look what the booklet for
XYZ(32.3308, 25.6221, 41.2844)
contains.

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Color

**XYZ(32.4429, 25.6796,
41.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	B377AA
RGB	179, 119, 170
RGB Percent	70%, 47%, 67%
CMY	0.2980, 0.5333, 0.3333
CMYK	0.00, 0.34, 0.05, 0.30
HSL	309°, 28%, 58%
HSV	309°, 34%, 70%
XYZ	32.4429, 25.6796, 41.2769
YIQ	142.7540, 19.3890, 28.5810

Conversions

Conversions Part 2

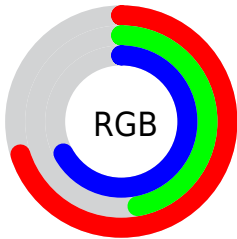
Format	Color
RYB	179, 119, 170
Decimal	11761578
CIELab	57.73, 31.62, -17.62
CIELCh	58, 36.203, 330.869
Yxy	25.6796, 0.3264, 0.2583
Android (android.graphics.Color)	4289951658 (0xFFB377AA)
YUV	142.7540, 13.4323, 31.7877
Hunter-Lab	50.6750, 25.5970, -12.8216

Details

The XYZ color **32.4429, 25.6796, 41.2769** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.6252, 37.7214, 26.2486**, and the grayscale version is **25.9538, 27.3054, 29.7356**.

A 20% lighter version of the original color is **62.9352, 52.7742, 78.1035**, and **13.8556, 9.9242, 18.3248** is the 20% darker color. If you saturate the color by 10%, you get **30.2587, 21.7131, 39.3085**, and if you desaturate by 10%, it is **35.0351, 30.4529, 43.4074**.

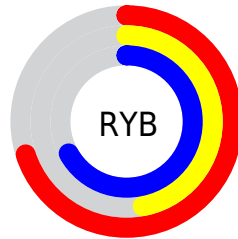
Distribution



Red (70%)

Green (47%)

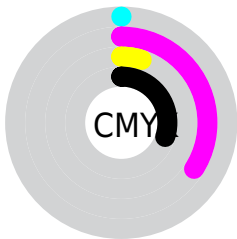
Blue (67%)



Red (70%)

Yellow (47%)

Blue (67%)

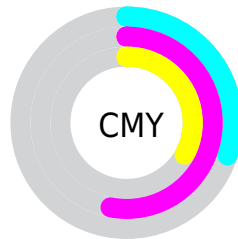


Cyan (0%)

Magenta (34%)

Yellow (5%)

Black (30%)



Cyan (30%)


Magenta (53%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4429, 25.6796, 41.2769 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 32.4429, 25.6796, 41.2769 by changing the saturation by 10% instead.

 32.4429, 25.6796,
41.2769


 32.4429, 25.6796,
41.2769


304.8415,
281.2057, 367.1874


 21.8572, 16.5841,
28.2142


 62.8653, 52.7576,
78.3623

 13.8680, 9.9384,
18.2467


 83.4327, 71.5089,
103.2220

 8.1100, 5.3581,
10.9560


 108.0581, 94.2476,
132.8512

 4.2178, 2.4589,
5.9235

137.1067,
121.3581, 167.6684

 1.8261, 0.8559,
2.7306

170.9440,
153.2247, 208.0920

 0.5333, 0.0000,
0.9588

209.9353,

 0.0000, 0.0000,

190.2319, 254.5407

0.0000

254.4460,
232.7641, 307.4330

■ 32.4429, 25.6796,
41.2769

■ 32.4429, 25.6796,
41.2769

■ 30.2587, 21.7131,
39.3085

■ 35.0351, 30.4529,
43.4074

■ 28.4574, 18.5047,
37.4930

■ 38.0538, 36.0712,
45.7056

■ 27.0151, 16.0061,
35.8224

■ 41.5191, 42.5743,
48.1785

■ 25.9039, 14.1615,
34.2873

■ 45.4493, 49.9987,
50.8325

■ 25.0920, 12.9072,
32.8770

■ 49.8615, 58.3787,
53.6733

■ 24.5408, 12.1667,
31.5784

■ 54.7720, 67.7468,
56.7066

■ 24.2703, 11.8557,
30.7787

■ 60.1964, 78.1341,
59.9376

■ 63.8078, 84.8867,
62.5909

■ 64.1071, 85.0064,
64.1669

Harmonies

Analogous

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



28.9424, 25.6796, 53.8863



32.4429, 25.6796, 41.2769



33.7341, 25.6796, 27.6001

Triad

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



32.4429, 25.6796, 41.2769



24.2815, 25.6796, 10.2308



17.9252, 25.6796, 42.0955

Complementary

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



32.4429, 25.6796, 41.2769



27.6252, 37.7214, 26.2486

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.



16.9813, 25.6796, 28.3244



32.4429, 25.6796, 41.2769



20.3733, 25.6796, 12.0598

Square

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



32.4429, 25.6796, 41.2769



28.6977, 25.6796, 11.8543



17.8225, 25.6796, 17.8691



20.5681, 25.6796, 54.4491

Rectangle

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



32.4429, 25.6796, 41.2769



33.0608, 25.6796, 20.2850



17.8225, 25.6796, 17.8691



17.4138, 25.6796, 37.3630

Sweetspot

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



32.4437, 25.6807, 41.2774



70.1401, 68.3222, 83.3043



23.6367, 21.0388, 45.4634



15.3544, 14.7900, 18.3220



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.



32.4437, 25.6807, 41.2774



55.2323, 40.7646, 71.3733



29.9218, 24.6720, 27.9972



8.7941, 8.6244, 10.4144



17.1694, 8.3853, 21.8496



0.5550, 0.2698, 0.7655

Inverse Universe

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



32.4437, 25.6807, 41.2774



55.2323, 40.7646, 71.3733



29.9003, 38.6315, 38.2294



8.7941, 8.6244, 10.4144



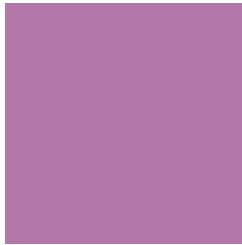
17.1694, 8.3853, 21.8496



0.5550, 0.2698, 0.7655

Previews

White Background



This preview shows how the XYZ color 32.4429, 25.6796, 41.2769 looks on a white background.

Color Contrast Check

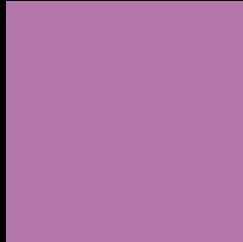
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4429, 25.6796, 41.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

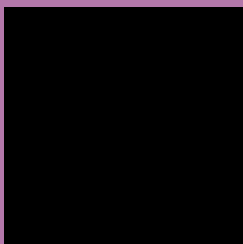
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4429, 25.6796, 41.2769

Background



This preview shows how black text looks on a background with the XYZ color 32.4429, 25.6796, 41.2769.



This preview shows how white text looks on a background with the XYZ color 32.4429, 25.6796,

41.2769.

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

32.4429, 25.6796, 41.2769

Protanopia

26.2453, 25.8222, 48.4007

Deuteranopia

26.4267, 25.8873, 40.1631



Tritanopia

29.5132, 25.7849, 26.3431

Trichromacy



Original Color

32.4429, 25.6796, 41.2769

Protanomaly

27.8726, 25.2906, 45.5320

Deuteranomaly

28.3769, 25.6624, 40.5035

Tritanomaly

30.3328, 25.5341, 31.3468

Monochromacy



Original Color

32.4429, 25.6796, 41.2769

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.9852, 26.4180, 33.7612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4429, 25.6796, 41.2769 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, 119, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 119, 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(179, 119, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 119, 170) }
```

Border

The CSS property to change the border of an element to XYZ 32.4429, 25.6796, 41.2769 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, 119, 170) }
```


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

```
.border{ border-color:rgb(179, 119, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 119, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 119, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 119, 170);  
box-shadow:4px 4px 4px 4px rgb(179, 119,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4429, 25.6796, 41.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 119, 170) }
```

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

```
.background{ background-color: rgb(179,  
119, 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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