

Converting Colors

XYZ(35.1249, 32.4434, 44.9820)

Have a look what the booklet for
XYZ(35.1249, 32.4434, 44.9820)
contains.

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Color

**XYZ(35.2503, 32.5372,
44.9798)**

Conversions

Conversions Part 1

Format	Color
Hex	AD92AF
RGB	173, 146, 175
RGB Percent	68%, 57%, 69%
CMY	0.3216, 0.4274, 0.3137
CMYK	0.01, 0.17, 0.00, 0.31
HSL	296°, 15%, 63%
HSV	296°, 17%, 69%
XYZ	35.2503, 32.5372, 44.9798
YIQ	157.3790, 6.7830, 14.7430

Conversions

Conversions Part 2

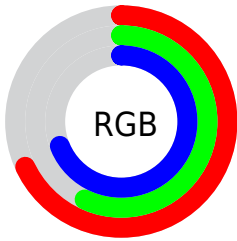
Format	Color
RYB	173, 146, 175
Decimal	11375279
CIELab	63.78, 15.34, -11.39
CIELCh	64, 19.105, 323.391
Yxy	32.5372, 0.3126, 0.2885
Android (android.graphics.Color)	4289565359 (0xFFAD92AF)
YUV	157.3790, 8.6872, 13.6996
Hunter-Lab	57.0414, 10.4866, -6.8240

Details

The XYZ color **35.2503, 32.5372, 44.9798** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.7323, 39.0320, 33.0046**, and the grayscale version is **32.1793, 33.8551, 36.8682**.

A 20% lighter version of the original color is **67.3912, 63.7361, 84.3517**, and **15.4131, 13.6075, 20.5531** is the 20% darker color. If you saturate the color by 10%, you get **32.4911, 27.4127, 44.1366**, and if you desaturate by 10%, it is **38.4268, 38.4916, 45.9622**.

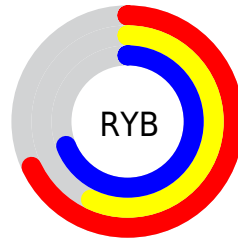
Distribution



Red (68%)

Green (57%)

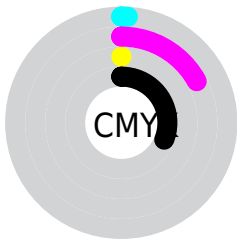
Blue (69%)



Red (68%)

Yellow (57%)

Blue (69%)

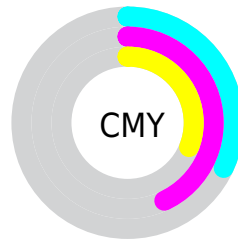


Cyan (1%)

Magenta (17%)

Yellow (0%)

Black (31%)



Cyan (32%)


Magenta (43%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2503, 32.5372, 44.9798 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 35.2503, 32.5372, 44.9798 by changing the saturation by 10% instead.


 35.2503, 32.5372,
44.9798


 35.2503, 32.5372,
44.9798

317.1605,
313.5591, 382.8495

 24.0232, 21.7721,
31.0987


 67.2048, 63.6523,
84.0082

 15.4756, 13.6896,
20.4149


 88.6629, 84.7711,
109.9926

 9.2424, 7.9051,
12.5099


114.2620,
110.1100, 140.8485

 4.9580, 4.0343,
6.9652

144.3675,
140.0534, 176.9945

 2.2571, 1.6928,
3.3622

179.3448,
174.9856, 218.8490

 0.7726, 0.4190,
1.2824

219.5591,

 0.0000, 0.0000,

215.2910, 266.8306

0.0473

265.3759,
261.3541, 321.3580

■ 0.0000, 0.0000,
0.0000

■ 35.2503, 32.5372,
44.9798

■ 35.2503, 32.5372,
44.9798

■ 32.4911, 27.4127,
44.1366

■ 38.4268, 38.4916,
45.9622

■ 30.1276, 23.0766,
43.4242

■ 42.0352, 45.3068,
47.0875

■ 28.1405, 19.4898,
42.8366

■ 46.0930, 53.0172,
48.3618

■ 26.5080, 16.6084,
42.3665

■ 50.6158, 61.6540,
49.7905

■ 25.2057, 14.3841,
42.0058

■ 55.6186, 71.2471,
51.3785

■ 24.2064, 12.7623,
41.7454

■ 61.1156, 81.8250,
53.1305

■ 23.4785, 11.6796,
41.5748

■ 62.6597, 84.4934,
53.5642

■ 22.9781, 11.0485,
41.4794

■ 62.9448, 84.6404,
53.5776

■ 22.8281, 10.8744,
41.4537

■ 63.2325, 84.7887,
53.5910

Harmonies

Analogous

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



33.0173, 32.5372, 50.7762



35.2503, 32.5372, 44.9798



36.3334, 32.5372, 37.1538

Triad

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



35.2503, 32.5372, 44.9798



31.5227, 32.5372, 22.6942



26.4321, 32.5372, 41.6168

Complementary

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



35.2503, 32.5372, 44.9798



32.7323, 39.0320, 33.0046

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.



26.0830, 32.5372, 33.7554



35.2503, 32.5372, 44.9798



28.9242, 32.5372, 23.5329

Square

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



35.2503, 32.5372, 44.9798



34.1024, 32.5372, 24.8502



26.9700, 32.5372, 27.3334



27.9526, 32.5372, 48.6469

Rectangle

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



35.2503, 32.5372, 44.9798



36.2156, 32.5372, 32.1177



26.9700, 32.5372, 27.3334



26.1776, 32.5372, 38.9572

Sweetspot

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



35.2513, 32.5386, 44.9805



69.7289, 70.6474, 82.5981



30.2488, 30.5186, 44.8543



15.4038, 15.5246, 18.3290



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



35.2513, 32.5386, 44.9805



61.1807, 54.6377, 79.9584



34.5625, 32.3146, 39.0280



8.2817, 8.1195, 10.0834



16.3689, 7.7984, 29.6870



0.4713, 0.2251, 0.8266

Inverse Universe

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



33.3046, 31.8114, 32.4036



57.0251, 53.0884, 52.9694



33.3639, 39.2432, 38.2029



8.0268, 8.0240, 8.4521



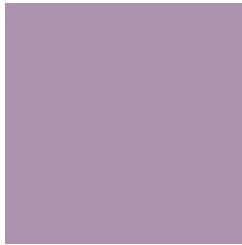
12.7175, 6.5495, 0.8919



0.3609, 0.1850, 0.0621

Previews

White Background



This preview shows how the XYZ color 35.2503, 32.5372, 44.9798 looks on a white background.

Color Contrast Check

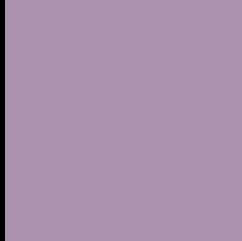
Large Text (above 18pt) WCAG AA × Fail

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 35.2503, 32.5372, 44.9798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

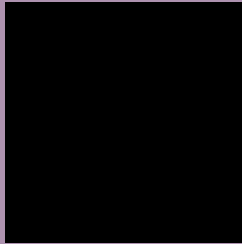
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2503, 32.5372, 44.9798

Background



This preview shows how black text looks on a background with the XYZ color 35.2503, 32.5372, 44.9798.



This preview shows how white text looks on a background with the XYZ color 35.2503, 32.5372,

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

35.2503, 32.5372, 44.9798

Protanopia

32.2071, 32.5618, 47.7676

Deuteranopia

33.4045, 32.7663, 44.6083



Tritanopia

33.8872, 32.6909, 37.7816

Trichromacy



Original Color

35.2503, 32.5372, 44.9798

Protanomaly

33.0428, 32.2961, 46.6117

Deuteranomaly

33.9045, 32.5502, 44.5403

Tritanomaly

34.3947, 32.6671, 40.0899

Monochromacy



Original Color

35.2503, 32.5372, 44.9798

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.1963, 33.2493, 39.7901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2503, 32.5372, 44.9798 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(173, 146, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 146, 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(173, 146, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 146, 175) }
```

Border

The CSS property to change the border of an element to XYZ 35.2503, 32.5372, 44.9798 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(173, 146, 175) }
```


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

```
.border{ border-color:rgb(173, 146, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 146, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 146, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 146, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 146,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2503, 32.5372, 44.9798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 146, 175) }
```

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

```
.background{ background-color: rgb(173,  
146, 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](#).

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