

Converting Colors

XYZ(33.0131, 32.0552, 43.9827)

Have a look what the booklet for
XYZ(33.0131, 32.0552, 43.9827)
contains.

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Color

**XYZ(32.9882, 32.0891,
43.9903)**

Conversions

Conversions Part 1

Format	Color
Hex	A195AD
RGB	161, 149, 173
RGB Percent	63%, 58%, 68%
CMY	0.3686, 0.4157, 0.3216
CMYK	0.07, 0.14, 0.00, 0.32
HSL	270°, 13%, 63%
HSV	270°, 14%, 68%
XYZ	32.9882, 32.0891, 43.9903
YIQ	155.3240, -0.5520, 10.0080

Conversions

Conversions Part 2

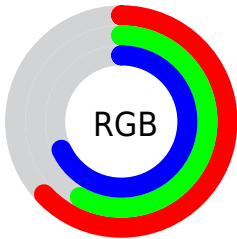
Format	Color
R_{YB}	161, 149, 173
Decimal	10589613
CIE _{Lab}	63.42, 9.07, -10.93
CIE _{LCh}	63, 14.200, 309.685
Yxy	32.0891, 0.3025, 0.2942
Android (android.graphics.Color)	4288779693 (0xFFA195AD)
YUV	155.3240, 8.7143, 4.9779
Hunter-Lab	56.6472, 4.8158, -6.3895

Details

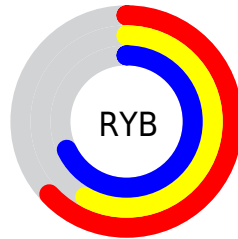
The XYZ color **32.9882, 32.0891, 43.9903** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0675, 39.6350, 34.2374**, and the grayscale version is **31.2628, 32.8909, 35.8182**.

A 20% lighter version of the original color is **63.6784, 62.9122, 82.1858**, and **14.1255, 13.3671, 19.9248** is the 20% darker color. If you saturate the color by 10%, you get **28.7686, 26.1487, 43.0666**, and if you desaturate by 10%, it is **37.7369, 38.9076, 45.0566**.

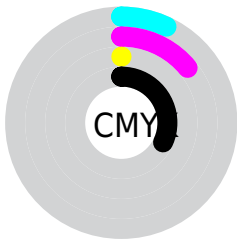
Distribution



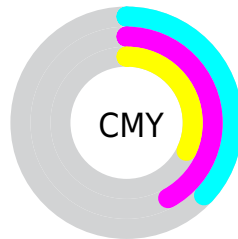
- Red (63%)
- Green (58%)
- Blue (68%)



- Red (63%)
- Yellow (58%)
- Blue (68%)



- Cyan (7%)
- Magenta (14%)
- Yellow (0%)
- Black (32%)



- Cyan (37%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9882, 32.0891, 43.9903 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 32.9882, 32.0891, 43.9903 by changing the saturation by 10% instead.

■ 32.9882, 32.0891,
43.9903

■ 32.9882, 32.0891,
43.9903

307.2625,
311.5249, 378.7089

■ 22.2766, 21.4296,
30.3257

■ 63.7119, 62.9507,
82.5055

■ 14.1780, 13.4384,
19.8318

■ 84.4547, 83.9216,
108.1932

■ 8.3271, 7.7311,
12.0900

109.2720,
109.0984, 138.7256

■ 4.3585, 3.9234,
6.6817

138.5291,
138.8656, 174.5215

■ 1.9069, 1.6308,
3.1884

172.5913,
173.6074, 215.9992

■ 0.5808, 0.3782,
1.1916

211.8240,

■ 0.0000, 0.0000,

213.7083, 263.5773

0.0000

256.5926,
259.5527, 317.6743

■ 32.9882, 32.0891,
43.9903

■ 32.9882, 32.0891,
43.9903

■ 28.7686, 26.1487,
43.0666

■ 37.7369, 38.9076,
45.0566

■ 25.0551, 21.0453,
42.2773

■ 43.0310, 46.6347,
46.2691

■ 21.8267, 16.7406,
41.6165

■ 48.8894, 55.3047,
47.6338

■ 19.0602, 13.1917,
41.0773

■ 55.3295, 64.9488,
49.1558

■ 16.7299, 10.3513,
40.6519

■ 62.3678, 75.5965,
50.8401

■ 14.8076, 8.1668,
40.3315

■ 70.0199, 87.2764,
52.6912

■ 13.2608, 6.5779,
40.1064

■ 73.2917, 89.9969,
53.0439

■ 12.0512, 5.5122,
39.9644

■ 76.0029, 91.3946,
53.1708

■ 11.4262, 5.0191,
39.9022

■ 78.8519, 92.8633,
53.3041

Harmonies

Analogous

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



31.1427, 32.0891, 46.7875



32.9882, 32.0891, 43.9903



34.1994, 32.0891, 38.8510

Triad

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



32.9882, 32.0891, 43.9903



31.8365, 32.0891, 25.7048



26.9092, 32.0891, 36.8003

Complementary

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



32.9882, 32.0891, 43.9903



35.0675, 39.6350, 34.2374

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.



27.0769, 32.0891, 31.2999



32.9882, 32.0891, 43.9903



29.8657, 32.0891, 25.2824

Square

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



32.9882, 32.0891, 43.9903



33.5149, 32.0891, 28.4478



28.1397, 32.0891, 27.2241



27.6710, 32.0891, 42.3507

Rectangle

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



32.9882, 32.0891, 43.9903



34.4548, 32.0891, 34.9994



28.1397, 32.0891, 27.2241



26.8595, 32.0891, 34.8798

Sweetspot

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



32.9892, 32.0905, 43.9910



67.4059, 69.4225, 80.6530



32.7533, 35.0377, 44.5723



14.5062, 14.8807, 17.4954



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.9892, 32.0905, 43.9910



56.3873, 53.6529, 78.1899



35.4364, 33.3521, 44.1055



7.9461, 7.9465, 10.0677



8.4601, 3.7212, 29.3169



0.2985, 0.1361, 0.8185

Inverse Universe

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



34.4152, 32.9538, 38.2667



59.5357, 55.5590, 65.5514



32.8371, 38.4852, 34.1330



8.1660, 8.0796, 9.1849



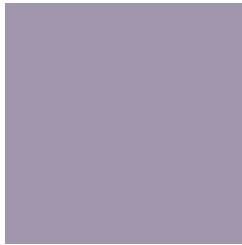
13.9386, 7.0380, 7.3221



0.4154, 0.2068, 0.3493

Previews

White Background



This preview shows how the XYZ color 32.9882, 32.0891, 43.9903 looks on a white background.

Color Contrast Check

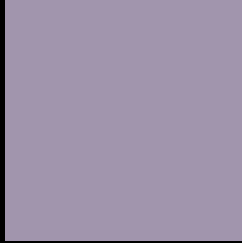
Large Text (above 18pt) WCAG AA × Fail

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 32.9882, 32.0891, 43.9903 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 32.9882, 32.0891, 43.9903

Background



This preview shows how black text looks on a background with the XYZ color 32.9882, 32.0891, 43.9903.



This preview shows how white text looks on a background with the XYZ color 32.9882, 32.0891,

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

32.9882, 32.0891, 43.9903

Protanopia

31.5438, 32.0356, 45.0784

Deuteranopia

32.7472, 32.2008, 44.0246



Tritanopia

31.9755, 32.1485, 39.1703

Trichromacy



Original Color

32.9882, 32.0891, 43.9903

Protanomaly

32.0330, 32.0592, 44.5441

Deuteranomaly

32.9464, 32.3034, 44.0339

Tritanomaly

32.3786, 32.0763, 41.0440

Monochromacy



Original Color

32.9882, 32.0891, 43.9903

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.8174, 32.5592, 38.7900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9882, 32.0891, 43.9903 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(161, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(161, 149, 173)  
}
```

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(161, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 149, 173) }
```

Border

The CSS property to change the border of an element to XYZ 32.9882, 32.0891, 43.9903 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(161, 149, 173) }
```


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

```
.border{ border-color:rgb(161, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(161, 149,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9882, 32.0891, 43.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 149, 173) }
```

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

```
.background{ background-color: rgb(161,  
149, 173) }
```

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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