

Converting Colors

XYZ(32.7961, 32.0122, 42.9785)

Have a look what the booklet for
XYZ(32.7961, 32.0122, 42.9785)
contains.

XYZ(32.7961, 32.0122, 42.9785)	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(32.7961, 32.0122,
42.9785)**

Conversions

Conversions Part 1

Format	Color
Hex	A195AB
RGB	161, 149, 171
RGB Percent	63%, 58%, 67%
CMY	0.3686, 0.4157, 0.3294
CMYK	0.06, 0.13, 0.00, 0.33
HSL	273°, 12%, 63%
HSV	273°, 13%, 67%
XYZ	32.7961, 32.0122, 42.9785
YIQ	155.0960, 0.0900, 9.3860

Conversions

Conversions Part 2

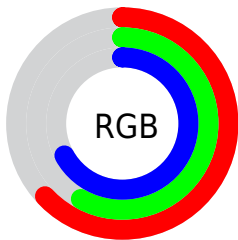
Format	Color
RYB	161, 149, 171
Decimal	10589611
CIELab	63.35, 8.66, -9.89
CIELCh	63, 13.148, 311.185
Yxy	32.0122, 0.3043, 0.2970
Android (android.graphics.Color)	4288779691 (0xFFA195AB)
YUV	155.0960, 7.8407, 5.1778
Hunter-Lab	56.5793, 4.4534, -5.4320

Details

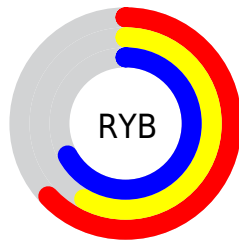
The XYZ color **32.7961, 32.0122, 42.9785** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2868, 38.6674, 34.0917**, and the grayscale version is **31.1653, 32.7884, 35.7065**.

A 20% lighter version of the original color is **63.4023, 62.8018, 80.7318**, and **14.0041, 13.3185, 19.2854** is the 20% darker color. If you saturate the color by 10%, you get **28.7690, 26.2112, 42.0715**, and if you desaturate by 10%, it is **37.3198, 38.6606, 44.0238**.

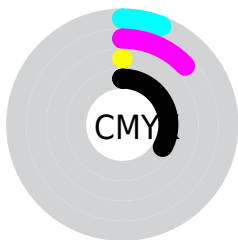
Distribution



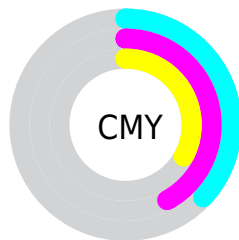
- Red (63%)
- Green (58%)
- Blue (67%)



- Red (63%)
- Yellow (58%)
- Blue (67%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (37%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7961, 32.0122, 42.9785 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 32.7961, 32.0122, 42.9785 by changing the saturation by 10% instead.

■ 32.7961, 32.0122,
42.9785

■ 32.7961, 32.0122,
42.9785

306.4112,
311.1748, 374.4420

■ 22.1288, 21.3708,
29.5370

■ 63.4139, 62.8302,
80.9644

■ 14.0687, 13.3953,
19.2383

■ 84.0950, 83.7756,
106.3459

■ 8.2505, 7.7013,
11.6641

108.8448,
108.9245, 136.5444

■ 4.3088, 3.9044,
6.3956

138.0287,
138.6613, 171.9786

■ 1.8783, 1.6202,
3.0144

172.0119,
173.3703, 213.0669

■ 0.5642, 0.3712,
1.1020

211.1598,

■ 0.0000, 0.0000,

213.4360, 260.2278

0.0000

255.8378,
259.2427, 313.8800

■ 32.7961, 32.0122,
42.9785

■ 32.7961, 32.0122,
42.9785

■ 28.7690, 26.2112,
42.0715

■ 37.3198, 38.6606,
44.0238

■ 25.2166, 21.2182,
41.2950

■ 42.3550, 46.1855,
45.2109

■ 22.1195, 16.9964,
40.6434

■ 47.9197, 54.6198,
46.5456

■ 19.4558, 13.5050,
40.1098

■ 54.0300, 63.9933,
48.0328

■ 17.2016, 10.6988,
39.6870

■ 60.7013, 74.3345,
49.6772

■ 15.3303, 8.5277,
39.3666

■ 67.9485, 85.6706,
51.4834

■ 13.8118, 6.9344,
39.1391

■ 71.2568, 88.9701,
51.9459

■ 12.6103, 5.8505,
38.9932

■ 73.5999, 90.1780,
52.0555

■ 11.8923, 5.2815,
38.9212

■ 76.0529, 91.4426,
52.1703

Harmonies

Analogous

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



31.1124, 32.0122, 45.6723



32.7961, 32.0122, 42.9785



33.8702, 32.0122, 38.1981

Triad

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



32.7961, 32.0122, 42.9785



31.5723, 32.0122, 26.1830



27.1127, 32.0122, 36.8417

Complementary

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



32.7961, 32.0122, 42.9785



34.2868, 38.6674, 34.0917

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.



27.2248, 32.0122, 31.7144



32.7961, 32.0122, 42.9785



29.7511, 32.0122, 25.8981

Square

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



32.7961, 32.0122, 42.9785



33.1444, 32.0122, 28.6487



28.1741, 32.0122, 27.8271



27.8617, 32.0122, 41.9005

Rectangle

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



32.7961, 32.0122, 42.9785



34.0712, 32.0122, 34.6484



28.1741, 32.0122, 27.8271



27.0517, 32.0122, 35.0641

Sweetspot

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



32.7971, 32.0136, 42.9792



65.8114, 67.7194, 78.6044



32.1903, 34.2191, 43.4369



14.5378, 14.8970, 17.4969



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.



32.7971, 32.0136, 42.9792



56.9253, 54.7030, 76.5603



34.8239, 33.0665, 42.7102



7.9806, 7.9643, 10.0693



9.0262, 4.0131, 29.3434



0.3131, 0.1436, 0.8192

Inverse Universe

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



33.8011, 32.6574, 37.3242



59.0471, 56.0627, 64.6470



32.4420, 37.7096, 34.3120



8.1509, 8.0736, 9.1056



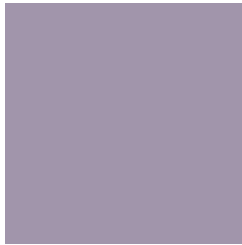
13.7160, 6.9489, 6.1498



0.4094, 0.2044, 0.3175

Previews

White Background



This preview shows how the XYZ color 32.7961, 32.0122, 42.9785 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 32.7961, 32.0122, 42.9785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

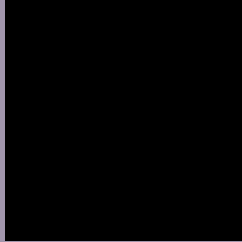
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7961, 32.0122, 42.9785

Background



This preview shows how black text looks on a background with the XYZ color 32.7961, 32.0122, 42.9785.



This preview shows how white text looks on a background with the XYZ color 32.7961, 32.0122,

42.9785.

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

32.7961, 32.0122, 42.9785

Protanopia

31.3487, 31.9576, 44.0513

Deuteranopia

32.5953, 31.9087, 42.9691



Tritanopia

31.9251, 31.8949, 38.6561

Trichromacy



Original Color

32.7961, 32.0122, 42.9785

Protanomaly

31.8394, 31.9818, 43.5247

Deuteranomaly

32.5953, 31.9087, 42.9691

Tritanomaly

32.1951, 32.0029, 40.0776

Monochromacy



Original Color

32.7961, 32.0122, 42.9785

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.7289, 32.5238, 38.3236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7961, 32.0122, 42.9785 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(161, 149, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 149, 171) }
```

Border

The CSS property to change the border of an element to XYZ 32.7961, 32.0122, 42.9785 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, 171) }
```


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

```
.border{ border-color:rgb(161, 149, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 149, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 149, 171);  
box-shadow:4px 4px 4px 4px rgb(161, 149,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7961, 32.0122, 42.9785 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, 171) }
```

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

```
.background{ background-color: rgb(161,  
149, 171) }
```

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