

Converting Colors

XYZ(32.1181, 27.8871, 43.4283)

Have a look what the booklet for
XYZ(32.1181, 27.8871, 43.4283)
contains.

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Color

**XYZ(32.1563, 27.9547,
43.2361)**

Conversions

Conversions Part 1

Format	Color
Hex	A984AD
RGB	169, 132, 173
RGB Percent	66%, 52%, 68%
CMY	0.3372, 0.4823, 0.3216
CMYK	0.02, 0.24, 0.00, 0.32
HSL	294°, 20%, 60%
HSV	294°, 24%, 68%
XYZ	32.1563, 27.9547, 43.2361
YIQ	147.7370, 8.8910, 20.5950

Conversions

Conversions Part 2

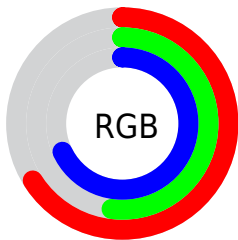
Format	Color
RYB	169, 132, 173
Decimal	11109549
CIELab	59.85, 21.47, -16.23
CIELCh	60, 26.915, 322.913
Yxy	27.9547, 0.3111, 0.2705
Android (android.graphics.Color)	4289299629 (0xFFA984AD)
YUV	147.7370, 12.4547, 18.6477
Hunter-Lab	52.8722, 16.0354, -11.4737

Details

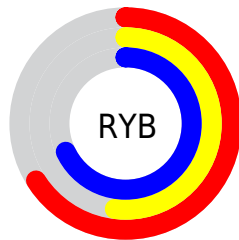
The XYZ color **32.1563, 27.9547, 43.2361** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.2627, 36.7880, 27.3897**, and the grayscale version is **27.9868, 29.4443, 32.0648**.

A 20% lighter version of the original color is **62.4039, 56.3069, 80.9781**, and **13.6709, 11.1281, 19.5166** is the 20% darker color. If you saturate the color by 10%, you get **29.6426, 23.4609, 42.5016**, and if you desaturate by 10%, it is **35.0654, 33.2314, 44.1017**.

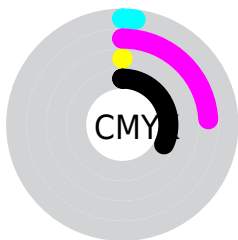
Distribution



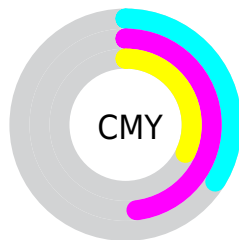
- Red (66%)
- Green (52%)
- Blue (68%)



- Red (66%)
- Yellow (52%)
- Blue (68%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)
- Black (32%)



- Cyan (34%)
- Magenta (48%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1563, 27.9547, 43.2361 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 32.1563, 27.9547, 43.2361 by changing the saturation by 10% instead.

■ 32.1563, 27.9547,
43.2361

■ 32.1563, 27.9547,
43.2361

303.5633,
292.2504, 375.5315

■ 21.6370, 18.2915,
29.7376

■ 62.4196, 56.4121,
81.3572

■ 13.7056, 11.1595,
19.3892

■ 82.8943, 75.9751,
106.8169

■ 7.9965, 6.1742,
11.7722

■ 107.4182, 99.6069,
137.1008

■ 4.1445, 2.9513,
6.4681

136.3567,
127.6917, 172.6274

■ 1.7842, 1.1064,
3.0584

170.0751,
160.6141, 213.8152

■ 0.5081, 0.0000,
1.1245

208.9388,

■ 0.0000, 0.0000,

198.7584, 261.0828

0.0000

253.3130,
242.5091, 314.8487

■ 32.1563, 27.9547,
43.2361

■ 32.1563, 27.9547,
43.2361

■ 29.6426, 23.4609,
42.5016

■ 35.0654, 33.2314,
44.1017

■ 27.5026, 19.7080,
41.8900

■ 38.3852, 39.3231,
45.1025

■ 25.7163, 16.6556,
41.3950

■ 42.1334, 46.2644,
46.2448

■ 24.2608, 14.2581,
41.0089

■ 46.3257, 54.0870,
47.5337

■ 23.1106, 12.4643,
40.7233

■ 50.9771, 62.8208,
48.9744

■ 22.2363, 11.2155,
40.5284

■ 56.1019, 72.4944,
50.5715

■ 21.6027, 10.4413,
40.4123

■ 61.7139, 83.1351,
52.3296

■ 21.2772, 10.0974,
40.3631

■ 62.7133, 84.5436,
52.5487

■ 63.1157, 84.7511,
52.5676

Harmonies

Analogous

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



29.2078, 27.9547, 51.2382



32.1563, 27.9547, 43.2361



33.6288, 27.9547, 32.8161

Triad

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



32.1563, 27.9547, 43.2361



27.3880, 27.9547, 15.3374



20.9723, 27.9547, 38.3569

Complementary

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



32.1563, 27.9547, 43.2361



29.2627, 36.7880, 27.3897

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.



20.5755, 27.9547, 28.1775



32.1563, 27.9547, 43.2361



24.0962, 27.9547, 16.2012

Square

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



32.1563, 27.9547, 43.2361



30.7271, 27.9547, 17.7724



21.6715, 27.9547, 20.4530



22.8060, 27.9547, 48.0264

Rectangle

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



32.1563, 27.9547, 43.2361



33.4935, 27.9547, 26.4283



21.6715, 27.9547, 20.4530



20.6733, 27.9547, 34.8339

Sweetspot

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



32.1572, 27.9559, 43.2367



66.6245, 66.5204, 80.1340



25.8780, 25.5605, 43.1053



14.4048, 14.3200, 17.3925



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.



32.1572, 27.9559, 43.2367



55.3476, 46.0394, 76.7751



31.5374, 27.8087, 35.4258



8.2589, 8.1078, 10.0824



15.6579, 7.4318, 29.6537



0.4573, 0.2180, 0.8260

Inverse Universe

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



29.9297, 27.1656, 26.9598



50.7487, 44.4159, 42.7966



29.8373, 36.9442, 33.7427



8.0358, 8.0276, 8.4994



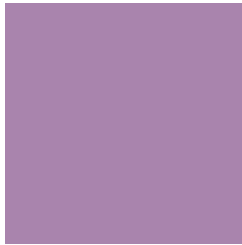
12.7446, 6.5604, 1.0345



0.3645, 0.1865, 0.0811

Previews

White Background



This preview shows how the XYZ color 32.1563, 27.9547, 43.2361 looks on a white background.

Color Contrast Check

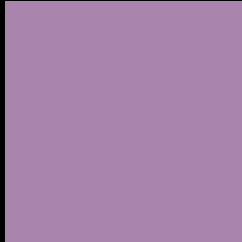
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1563, 27.9547, 43.2361 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 32.1563, 27.9547, 43.2361

Background



This preview shows how black text looks on a background with the XYZ color 32.1563, 27.9547, 43.2361.



This preview shows how white text looks on a background with the XYZ color 32.1563, 27.9547,

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

32.1563, 27.9547, 43.2361

Protanopia

28.1546, 28.1320, 47.6622

Deuteranopia

28.5526, 28.0098, 42.4296



Tritanopia

29.7292, 27.9972, 31.4409

Trichromacy



Original Color

32.1563, 27.9547, 43.2361

Protanomaly

29.3011, 27.8826, 45.9570

Deuteranomaly

29.8613, 28.0255, 42.8653

Tritanomaly

30.3906, 27.8352, 35.2235

Monochromacy



Original Color

32.1563, 27.9547, 43.2361

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.4691, 28.8482, 35.9134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1563, 27.9547, 43.2361 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(169, 132, 173)` looks like.

```
.text, #text, p{  
    color:rgb(169, 132, 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(169, 132, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 132, 173) }
```

Border

The CSS property to change the border of an element to XYZ 32.1563, 27.9547, 43.2361 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(169, 132, 173) }
```


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

```
.border{ border-color:rgb(169, 132, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 132, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 132, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 132, 173);  
box-shadow:4px 4px 4px 4px rgb(169, 132,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1563, 27.9547, 43.2361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 132, 173) }
```

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

```
.background{ background-color: rgb(169,  
132, 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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