

Converting Colors

XYZ(32.7627, 29.4876, 44.5223)

Have a look what the booklet for
XYZ(32.7627, 29.4876, 44.5223)
contains.

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Color

**XYZ(32.7627, 29.4876,
44.5223)**

Conversions

Conversions Part 1

Format	Color
Hex	A78AAF
RGB	167, 138, 175
RGB Percent	65%, 54%, 69%
CMY	0.3451, 0.4588, 0.3137
CMYK	0.05, 0.21, 0.00, 0.31
HSL	287°, 19%, 61%
HSV	287°, 21%, 69%
XYZ	32.7627, 29.4876, 44.5223
YIQ	150.8890, 5.4070, 17.6550

Conversions

Conversions Part 2

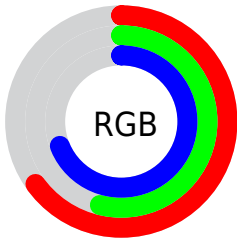
Format	Color
RYB	167, 138, 175
Decimal	10980015
CIELab	61.21, 17.78, -15.33
CIELCh	61, 23.472, 319.235
Yxy	29.4876, 0.3068, 0.2762
Android (android.graphics.Color)	4289170095 (0xFFA78AAF)
YUV	150.8890, 11.8867, 14.1293
Hunter-Lab	54.3025, 12.6663, -10.5998

Details

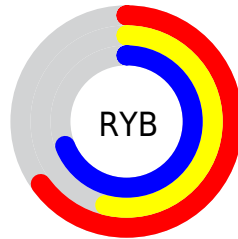
The XYZ color **32.7627, 29.4876, 44.5223** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **31.7725, 38.6066, 29.8234**, and the grayscale version is **29.3179, 30.8447, 33.5899**.

A 20% lighter version of the original color is **63.3976, 58.9984, 83.6477**, and **14.0728, 12.0294, 19.9925** is the 20% darker color. If you saturate the color by 10%, you get **29.6640, 24.4591, 43.7155**, and if you desaturate by 10%, it is **36.2912, 35.3398, 45.4664**.

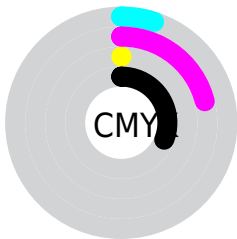
Distribution



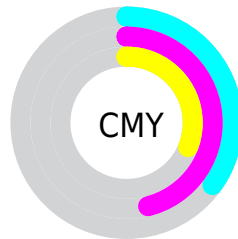
- Red (65%)
- Green (54%)
- Blue (69%)



- Red (65%)
- Yellow (54%)
- Blue (69%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7627, 29.4876, 44.5223 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 32.7627, 29.4876, 44.5223 by changing the saturation by 10% instead.


 32.7627, 29.4876,
44.5223


 32.7627, 29.4876,
44.5223


306.2630,
299.5087, 380.9390


 22.1031, 19.4500,
30.7411


 63.3620, 58.8509,
83.3139

 14.0497, 11.9959,
20.1450

 84.0325, 78.9454,
109.1615

 8.2372, 6.7409,
12.3154


 108.7705,
103.1609, 139.8682

 4.3002, 3.3006,
6.8337

137.9416,
131.8820, 175.8527

 1.8733, 1.2906,
3.2814

171.9110,
165.4929, 217.5335

 0.5613, 0.1339,
1.2401

211.0442,

 0.0000, 0.0000,

204.3780, 265.3291

0.0119

255.7064,
248.9218, 319.6581

■ 0.0000, 0.0000,
0.0000

■ 32.7627, 29.4876,
44.5223

■ 32.7627, 29.4876,
44.5223

■ 29.6640, 24.4591,
43.7155

■ 36.2912, 35.3398,
45.4664

■ 26.9728, 20.2117,
43.0375

■ 40.2649, 42.0480,
46.5517

■ 24.6689, 16.7048,
42.4820

■ 44.7019, 49.6476,
47.7848

■ 22.7291, 13.8923,
42.0414

■ 49.6185, 58.1707,
49.1707

■ 21.1278, 11.7232,
41.7071

■ 55.0301, 67.6478,
50.7148

■ 19.8357, 10.1393,
41.4695

■ 60.9513, 78.1080,
52.4217

■ 18.8181, 9.0715,
41.3170

■ 65.6149, 86.0169,
53.7025

■ 18.0811, 8.4273,
41.2315

■ 66.5952, 86.5223,
53.7484

■ 67.6004, 87.0404,
53.7954

Harmonies

Analogous

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



30.0264, 29.4876, 50.9601



32.7627, 29.4876, 44.5223



34.2658, 29.4876, 35.3849

Triad

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



32.7627, 29.4876, 44.5223



29.1494, 29.4876, 18.1456



22.7926, 29.4876, 38.0333

Complementary

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



32.7627, 29.4876, 44.5223



31.7725, 38.6066, 29.8234

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.



22.5956, 29.4876, 29.0380



32.7627, 29.4876, 44.5223



26.1185, 29.4876, 18.5930

Square

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



32.7627, 29.4876, 44.5223



32.0803, 29.4876, 20.8852



23.7713, 29.4876, 22.2452



24.3305, 29.4876, 46.7644

Rectangle

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



32.7627, 29.4876, 44.5223



34.2973, 29.4876, 29.4579



23.7713, 29.4876, 22.2452



22.5718, 29.4876, 34.9103

Sweetspot

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



32.7636, 29.4889, 44.5229



68.4786, 69.1477, 82.3745



28.5017, 29.0627, 44.6653



15.1202, 15.2002, 18.2813



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.



32.7636, 29.4889, 44.5229



56.2040, 48.7715, 79.0884



33.5162, 29.9912, 39.3903



8.1651, 8.0594, 10.0780



13.0017, 6.0625, 29.5294



0.4034, 0.1901, 0.8234

Inverse Universe

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



31.9570, 29.3675, 31.1796



54.5706, 48.5492, 51.0114



31.1959, 38.2174, 33.9517



8.0735, 8.0426, 8.6978



12.9286, 6.6340, 2.0036



0.3794, 0.1924, 0.1596

Previews

White Background



This preview shows how the XYZ color 32.7627, 29.4876, 44.5223 looks on a white background.

Color Contrast Check

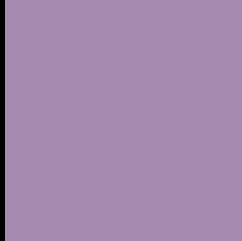
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7627, 29.4876, 44.5223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

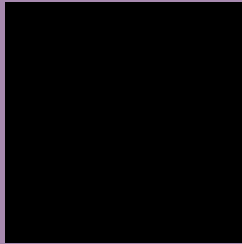
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7627, 29.4876, 44.5223

Background



This preview shows how black text looks on a background with the XYZ color 32.7627, 29.4876, 44.5223.



This preview shows how white text looks on a background with the XYZ color 32.7627, 29.4876,

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

32.7627, 29.4876, 44.5223

Protanopia

29.4346, 29.4694, 47.8529

Deuteranopia

30.1909, 29.4865, 44.1446



Tritanopia

30.7326, 29.5384, 34.2187

Trichromacy



Original Color

32.7627, 29.4876, 44.5223

Protanomaly

30.5368, 29.3836, 46.7100

Deuteranomaly

31.0233, 29.4699, 44.0976

Tritanomaly

31.4749, 29.6223, 37.7770

Monochromacy



Original Color

32.7627, 29.4876, 44.5223

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.5287, 30.2639, 37.4902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7627, 29.4876, 44.5223 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(167, 138, 175)` looks like.

```
.text, #text, p{  
    color:rgb(167, 138, 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(167, 138, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 138, 175) }
```

Border

The CSS property to change the border of an element to XYZ 32.7627, 29.4876, 44.5223 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(167, 138, 175) }
```


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

```
.border{ border-color:rgb(167, 138, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 138, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 138, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 138, 175);  
box-shadow:4px 4px 4px 4px rgb(167, 138,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7627, 29.4876, 44.5223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 138, 175) }
```

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

```
.background{ background-color: rgb(167,  
138, 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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