

Converting Colors

XYZ(34.9185, 32.8017, 47.4714)

Have a look what the booklet for
XYZ(34.9185, 32.8017, 47.4714)
contains.

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Color

**XYZ(34.9766, 32.7999,
47.6676)**

Conversions

Conversions Part 1

Format	Color
Hex	A894B4
RGB	168, 148, 180
RGB Percent	66%, 58%, 71%
CMY	0.3412, 0.4196, 0.2941
CMYK	0.07, 0.18, 0.00, 0.29
HSL	277°, 18%, 64%
HSV	277°, 18%, 71%
XYZ	34.9766, 32.7999, 47.6676
YIQ	157.6280, 1.6480, 14.1920

Conversions

Conversions Part 2

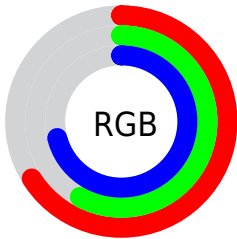
Format	Color
RYB	168, 148, 180
Decimal	11048116
CIELab	64.00, 13.48, -13.93
CIELCh	64, 19.388, 314.053
Yxy	32.7999, 0.3030, 0.2841
Android (android.graphics.Color)	4289238196 (0xFFA894B4)
YUV	157.6280, 11.0294, 9.0962
Hunter-Lab	57.2712, 8.7887, -9.2580

Details

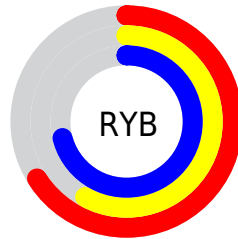
The XYZ color **34.9766, 32.7999, 47.6676** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.1649, 42.2551, 34.2684**, and the grayscale version is **32.2830, 33.9642, 36.9870**.

A 20% lighter version of the original color is **66.6923, 63.9852, 88.1922**, and **15.3079, 13.7947, 21.9345** is the 20% darker color. If you saturate the color by 10%, you get **30.9701, 26.8648, 46.7337**, and if you desaturate by 10%, it is **39.4988, 39.6544, 48.7528**.

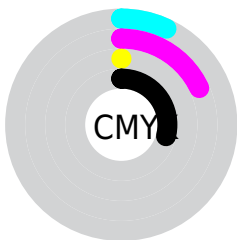
Distribution



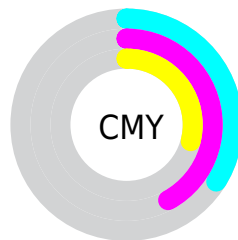
- Red (66%)
- Green (58%)
- Blue (71%)



- Red (66%)
- Yellow (58%)
- Blue (71%)



- Cyan (7%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (34%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9766, 32.7999, 47.6676 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 34.9766, 32.7999, 47.6676 by changing the saturation by 10% instead.

■ 34.9766, 32.7999,
47.6676

■ 34.9766, 32.7999,
47.6676

315.9749,
314.7471, 393.9437

■ 23.8113, 21.9732,
33.2056

■ 66.7838, 64.0630,
88.0697

■ 15.3177, 13.8372,
22.0116

■ 88.1563, 85.2682,
114.8468

■ 9.1304, 8.0075,
13.6670

113.6620,
110.7017, 146.5662

■ 4.8841, 4.0998,
7.7533

143.6662,
140.7478, 183.6461

■ 2.2135, 1.7295,
3.8520

178.5342,
175.7910, 226.5053

■ 0.7498, 0.4427,
1.5445

218.6314,

■ 0.0000, 0.0000,

216.2157, 275.5623

0.2508

264.3232,
262.4063, 331.2356

■ 0.0000, 0.0000,
0.0000

■ 34.9766, 32.7999,
47.6676

■ 34.9766, 32.7999,
47.6676

■ 30.9701, 26.8648,
46.7337

■ 39.4988, 39.6544,
48.7528

■ 27.4549, 21.8037,
45.9421

■ 44.5536, 47.4625,
49.9935

■ 24.4091, 17.5740,
45.2862

■ 50.1610, 56.2617,
51.3964

■ 21.8076, 14.1274,
44.7580

■ 56.3389, 66.0863,
52.9671

■ 19.6230, 11.4107,
44.3488

■ 63.1044, 76.9689,
54.7111

■ 17.8243, 9.3637,
44.0485

■ 70.1524, 88.2983,
56.5264

■ 16.3755, 7.9162,
43.8454

■ 72.0971, 89.3008,
56.6174

■ 15.2212, 6.9596,
43.7216

■ 74.1236, 90.3455,
56.7122

■ 14.9840, 6.7729,
43.6981

■ 76.2329, 91.4329,
56.8110

Harmonies

Analogous

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



32.4697, 32.7999, 52.4058



34.9766, 32.7999, 47.6676



36.5099, 32.7999, 40.0131

Triad

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



34.9766, 32.7999, 47.6676



32.6425, 32.7999, 23.1017



26.3473, 32.7999, 39.4967

Complementary

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



34.9766, 32.7999, 47.6676



36.1649, 42.2551, 34.2684

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.



26.3875, 32.7999, 31.7335



34.9766, 32.7999, 47.6676



29.9158, 32.7999, 23.0055

Square

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



34.9766, 32.7999, 47.6676



35.1095, 32.7999, 26.2318



27.6599, 32.7999, 25.9464



27.5466, 32.7999, 47.2422

Rectangle

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



34.9766, 32.7999, 47.6676



36.7205, 32.7999, 34.6596



27.6599, 32.7999, 25.9464



26.2185, 32.7999, 36.7886

Sweetspot

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



34.9776, 32.8013, 47.6683



73.9883, 75.5373, 88.9752



33.0693, 34.8267, 48.1598



15.8585, 16.1218, 19.1982



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.9776, 32.8013, 47.6683



60.7123, 55.4308, 85.7939



37.2761, 34.0296, 45.8172



8.5350, 8.4843, 10.6941



10.5341, 4.7663, 30.5018



0.3935, 0.1820, 0.9626

Inverse Universe

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



35.7585, 33.4225, 37.8256



62.4242, 56.7825, 64.6769



34.1808, 41.1975, 35.7432



8.6238, 8.5562, 9.5173



13.8848, 7.0715, 4.5535



0.4657, 0.2340, 0.2952

Previews

White Background



This preview shows how the XYZ color 34.9766, 32.7999, 47.6676 looks on a white background.

Color Contrast Check

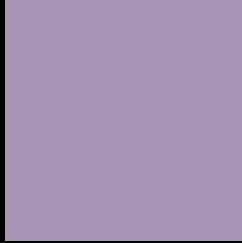
Large Text (above 18pt) WCAG AA × Fail

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 34.9766, 32.7999, 47.6676 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 34.9766, 32.7999, 47.6676

Background



This preview shows how black text looks on a background with the XYZ color 34.9766, 32.7999, 47.6676.



This preview shows how white text looks on a background with the XYZ color 34.9766, 32.7999,

47.6676.

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

34.9766, 32.7999, 47.6676

Protanopia

32.6018, 32.9615, 49.9913

Deuteranopia

33.5014, 32.7588, 47.2052



Tritanopia

33.1945, 32.7769, 39.2274

Trichromacy



Original Color

34.9766, 32.7999, 47.6676

Protanomaly

33.4858, 32.9433, 49.3935

Deuteranomaly

33.9433, 32.7487, 47.1800

Tritanomaly

33.7937, 32.7843, 42.0830

Monochromacy



Original Color

34.9766, 32.7999, 47.6676

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.3388, 33.5458, 40.7942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9766, 32.7999, 47.6676 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(168, 148, 180)` looks like.

```
.text, #text, p{  
    color:rgb(168, 148, 180)  
}
```

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(168, 148, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 148, 180) }
```

Border

The CSS property to change the border of an element to XYZ 34.9766, 32.7999, 47.6676 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(168, 148, 180) }
```


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

```
.border{ border-color:rgb(168, 148, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 148, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 148, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 148, 180); box-shadow:4px 4px 4px 4px rgb(168, 148, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9766, 32.7999, 47.6676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 148, 180) }
```

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

```
.background{ background-color: rgb(168,  
148, 180) }
```

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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