

Converting Colors

XYZ(35.1436, 31.3146, 44.8453)

Have a look what the booklet for
XYZ(35.1436, 31.3146, 44.8453)
contains.

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Color

**XYZ(35.1672, 31.3750,
44.7599)**

Conversions

Conversions Part 1

Format	Color
Hex	B08DAF
RGB	176, 141, 175
RGB Percent	69%, 55%, 69%
CMY	0.3098, 0.4470, 0.3137
CMYK	0.00, 0.20, 0.01, 0.31
HSL	302°, 18%, 62%
HSV	302°, 20%, 69%
XYZ	35.1672, 31.3750, 44.7599
YIQ	155.3410, 9.9460, 17.9940

Conversions

Conversions Part 2

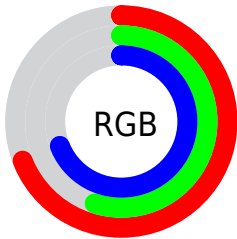
Format	Color
R _Y B	176, 141, 175
Decimal	11570607
CIE Lab	62.82, 19.20, -12.81
CIE LCh	63, 23.078, 326.290
Yxy	31.3750, 0.3160, 0.2819
Android (android.graphics.Color)	4289760687 (0xFFB08DAF)
YUV	155.3410, 9.6919, 18.1179
Hunter-Lab	56.0134, 14.0452, -8.1688

Details

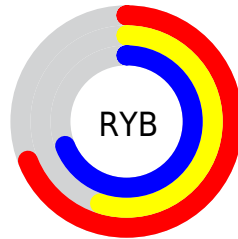
The XYZ color **35.1672, 31.3750, 44.7599** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.3935, 38.6672, 31.4018**, and the grayscale version is **31.2628, 32.8909, 35.8182**.

A 20% lighter version of the original color is **67.2176, 61.9555, 84.0172**, and **15.4846, 13.1232, 20.4558** is the 20% darker color. If you saturate the color by 10%, you get **32.7265, 26.5720, 43.7034**, and if you desaturate by 10%, it is **38.0224, 37.0056, 45.9562**.

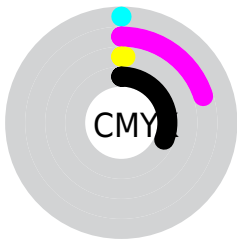
Distribution



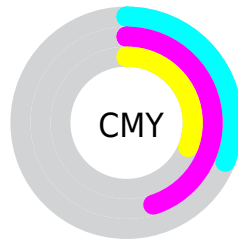
- Red (69%)
- Green (55%)
- Blue (69%)



- Red (69%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (31%)





- Cyan (31%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1672, 31.3750, 44.7599 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 35.1672, 31.3750, 44.7599 by changing the saturation by 10% instead.


 35.1672, 31.3750,
44.7599


 35.1672, 31.3750,
44.7599

316.8008,
308.2622, 381.9320

 23.9588, 20.8846,
30.9268

 67.0770, 61.8300,
83.6746

 15.4276, 13.0397,
20.2851


 88.5092, 82.5633,
109.5933

 9.2083, 7.4559,
12.4163

 114.0800,
107.4798, 140.3776

 4.9355, 3.7488,
6.9019

144.1547,
136.9637, 176.4460

 2.2438, 1.5341,
3.3233

179.0989,
171.3995, 218.2172

 0.7657, 0.3125,
1.2620

219.2777,

 0.0000, 0.0000,

211.1716, 266.1095

0.0303

265.0565,
256.6644, 320.5416

■ 0.0000, 0.0000,
0.0000

■ 35.1672, 31.3750,
44.7599

■ 35.1672, 31.3750,
44.7599

■ 32.7265, 26.5720,
43.7034

■ 38.0224, 37.0056,
45.9562

■ 30.6781, 22.5537,
42.7782

■ 41.3073, 43.4959,
47.2962

■ 29.0017, 19.2794,
41.9780

■ 45.0400, 50.8816,
48.7865

■ 27.6746, 16.7032,
41.2950

■ 49.2367, 59.1948,
50.4323

■ 26.6712, 14.7740,
40.7209

■ 53.9126, 68.4663,
52.2388

■ 25.9625, 13.4341,
40.2459

■ 59.0825, 78.7253,
54.2108

■ 25.5144, 12.6151,
39.8587

■ 61.7531, 83.9856,
55.3506

■ 25.2554, 12.1740,
39.5354

■ 61.8039, 84.0059,
55.6182

■ 25.2527, 12.1694,
39.5318

■ 61.8549, 84.0263,
55.8866

Harmonies

Analogous

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



32.5944, 31.3750, 52.2620



35.1672, 31.3750, 44.7599



36.3056, 31.3750, 35.3005

Triad

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



35.1672, 31.3750, 44.7599



30.2159, 31.3750, 19.5714



24.6977, 31.3750, 42.4649

Complementary

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



35.1672, 31.3750, 44.7599



31.3935, 38.6672, 31.4018

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.



24.1585, 31.3750, 33.0483



35.1672, 31.3750, 44.7599



27.2096, 31.3750, 20.8135

Square

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



35.1672, 31.3750, 44.7599



33.3224, 31.3750, 21.6333



25.0461, 31.3750, 25.3848



26.5739, 31.3750, 50.7812

Rectangle

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



35.1672, 31.3750, 44.7599



36.0426, 31.3750, 29.5090



25.0461, 31.3750, 25.3848



24.3601, 31.3750, 39.2802

Sweetspot

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



35.1681, 31.3764, 44.7606



71.1174, 71.3770, 84.2356



28.4467, 27.8999, 44.9607



15.3327, 15.3113, 18.2226



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.



35.1681, 31.3764, 44.7606



61.6835, 52.7724, 80.2800



33.5948, 30.7470, 36.4755



8.8393, 8.6425, 10.6524



18.5320, 8.9304, 29.0252



0.5864, 0.2823, 0.9304

Inverse Universe

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



35.1681, 31.3764, 44.7606



61.6835, 52.7724, 80.2800



32.7762, 39.2203, 38.6827



8.8393, 8.6425, 10.6524



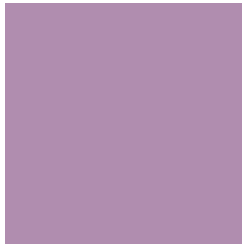
18.5320, 8.9304, 29.0252



0.5864, 0.2823, 0.9304

Previews

White Background



This preview shows how the XYZ color 35.1672, 31.3750, 44.7599 looks on a white background.

Color Contrast Check

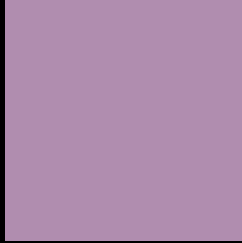
Large Text (above 18pt) WCAG AA × Fail

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 35.1672, 31.3750, 44.7599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

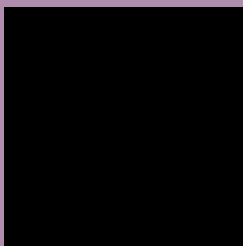
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1672, 31.3750, 44.7599

Background



This preview shows how black text looks on a background with the XYZ color 35.1672, 31.3750, 44.7599.



This preview shows how white text looks on a background with the XYZ color 35.1672, 31.3750,

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

35.1672, 31.3750, 44.7599

Protanopia

31.3642, 31.6216, 48.7065

Deuteranopia

32.1345, 31.4039, 44.4123



Tritanopia

33.2076, 31.2311, 35.7305

Trichromacy



Original Color

35.1672, 31.3750, 44.7599

Protanomaly

32.4750, 31.2902, 46.9758

Deuteranomaly

33.0752, 31.1993, 44.3232

Tritanomaly

33.8889, 31.2879, 38.9034

Monochromacy



Original Color

35.1672, 31.3750, 44.7599

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.5322, 32.2079, 38.6845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1672, 31.3750, 44.7599 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(176, 141, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 141, 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(176, 141, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 141, 175) }
```

Border

The CSS property to change the border of an element to XYZ 35.1672, 31.3750, 44.7599 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(176, 141, 175) }
```


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

```
.border{ border-color:rgb(176, 141, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 141, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 141, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 141, 175);  
box-shadow:4px 4px 4px 4px rgb(176, 141,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1672, 31.3750, 44.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 141, 175) }
```

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

```
.background{ background-color: rgb(176,  
141, 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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