

Converting Colors

XYZ(36.3376, 35.0326, 44.7307)

Have a look what the booklet for
XYZ(36.3376, 35.0326, 44.7307)
contains.

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Color

**XYZ(36.4292, 35.0514,
44.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9AAE
RGB	173, 154, 174
RGB Percent	68%, 60%, 68%
CMY	0.3216, 0.3961, 0.3176
CMYK	0.01, 0.11, 0.00, 0.32
HSL	297°, 11%, 64%
HSV	297°, 11%, 68%
XYZ	36.4292, 35.0514, 44.8900
YIQ	161.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

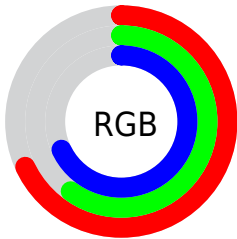
Format	Color
RYB	173, 154, 174
Decimal	11377326
CIELab	65.79, 10.66, -7.84
CIElCh	66, 13.230, 323.666
Yxy	35.0514, 0.3130, 0.3012
Android (android.graphics.Color)	4289567406 (0xFFAD9AAE)
YUV	161.9610, 5.9352, 9.6812
Hunter-Lab	59.2042, 6.2262, -3.5121

Details

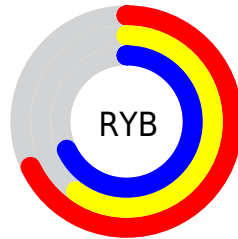
The XYZ color **36.4292, 35.0514, 44.8900** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4875, 39.5746, 36.3945**, and the grayscale version is **34.2967, 36.0828, 39.2942**.

A 20% lighter version of the original color is **68.6936, 67.2629, 83.4912**, and **16.2483, 15.1706, 20.4842** is the 20% darker color. If you saturate the color by 10%, you get **33.5717, 29.6205, 43.9929**, and if you desaturate by 10%, it is **39.7063, 41.3186, 45.9275**.

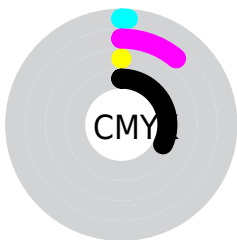
Distribution



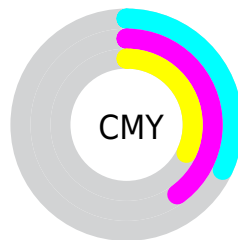
- Red (68%)
- Green (60%)
- Blue (68%)



- Red (68%)
- Yellow (60%)
- Blue (68%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (32%)



- Cyan (32%)
- Magenta (40%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4292, 35.0514, 44.8900 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 36.4292, 35.0514, 44.8900 by changing the saturation by 10% instead.

■ 36.4292, 35.0514,
44.8900

■ 36.4292, 35.0514,
44.8900

322.2312,
324.7952, 382.4750

■ 24.9375, 23.7025,
31.0285

■ 69.0136, 67.5654,
83.8720

■ 16.1590, 15.1131,
20.3619

■ 90.8369, 89.4992,
109.8296

■ 9.7283, 8.8988,
12.4717

116.8349,
115.7302, 140.6563

■ 5.2801, 4.6752,
6.9394

147.3728,
146.6426, 176.7706

■ 2.4489, 2.0580,
3.3463

182.8161,
182.6209, 218.5911

■ 0.8696, 0.6408,
1.2741

223.5300,

■ 0.0000, 0.0000,

224.0495, 266.5363

0.0404

269.8799,
271.3128, 321.0247

■ 0.0000, 0.0000,
0.0000

■ 36.4292, 35.0514,
44.8900

■ 36.4292, 35.0514,
44.8900

■ 33.5717, 29.6205,
43.9929

■ 39.7063, 41.3186,
45.9275

■ 31.1129, 24.9856,
43.2278

■ 43.4167, 48.4510,
47.1086

■ 29.0346, 21.1100,
42.5893

■ 47.5772, 56.4818,
48.4394

■ 27.3163, 17.9524,
42.0704

■ 52.2029, 65.4411,
49.9250

■ 25.9352, 15.4674,
41.6635

■ 57.3081, 75.3575,
51.5700

■ 24.8660, 13.6045,
41.3603

■ 61.8107, 84.0671,
53.0138

■ 24.0801, 12.3061,
41.1511

■ 62.0113, 84.1705,
53.0231

■ 23.5431, 11.5038,
41.0245

■ 62.2131, 84.2745,
53.0326

■ 23.2203, 11.0879,
40.9613

■ 62.4162, 84.3792,
53.0421

Harmonies

Analogous

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



34.8437, 35.0514, 48.8735



36.4292, 35.0514, 44.8900



37.1841, 35.0514, 39.3624

Triad

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



36.4292, 35.0514, 44.8900



33.7308, 35.0514, 28.4530



29.9966, 35.0514, 42.6415

Complementary

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



36.4292, 35.0514, 44.8900



34.4875, 39.5746, 36.3945

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.



29.7247, 35.0514, 36.9922



36.4292, 35.0514, 44.8900



31.8322, 35.0514, 29.1475

Square

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



36.4292, 35.0514, 44.8900



35.5874, 35.0514, 30.1489



30.3841, 35.0514, 32.1476



31.1420, 35.0514, 47.4893

Rectangle

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



36.4292, 35.0514, 44.8900



37.0945, 35.0514, 35.6828



30.3841, 35.0514, 32.1476



29.8019, 35.0514, 40.7597

Sweetspot

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



36.4302, 35.0529, 44.8908



71.0441, 73.0715, 82.9966



32.6892, 33.3704, 44.7632



15.6807, 16.0309, 18.4121



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.



36.4302, 35.0529, 44.8908



64.5773, 60.7186, 80.9531



35.8038, 34.8280, 40.4338



8.2969, 8.1274, 10.0841



16.8568, 8.0499, 29.7098



0.4807, 0.2300, 0.8270

Inverse Universe

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



34.9287, 34.4779, 35.8258



61.2687, 59.4528, 60.9287



35.0745, 39.7874, 40.4827



8.0209, 8.0216, 8.4207



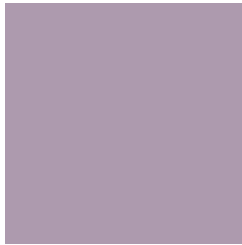
12.7019, 6.5433, 0.8095



0.3585, 0.1841, 0.0496

Previews

White Background



This preview shows how the XYZ color 36.4292, 35.0514, 44.8900 looks on a white background.

Color Contrast Check

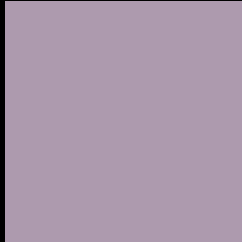
Large Text (above 18pt) WCAG AA × Fail

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 36.4292, 35.0514, 44.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

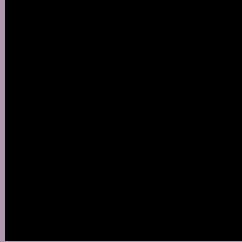
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4292, 35.0514, 44.8900

Background



This preview shows how black text looks on a background with the XYZ color 36.4292, 35.0514, 44.8900.



This preview shows how white text looks on a background with the XYZ color 36.4292, 35.0514,

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

36.4292, 35.0514, 44.8900

Protanopia

34.4345, 35.2397, 46.5820

Deuteranopia

35.7235, 34.9337, 44.9044



Tritanopia

35.7097, 35.0034, 41.4334

Trichromacy



Original Color

36.4292, 35.0514, 44.8900

Protanomaly

34.9977, 35.0351, 45.9922

Deuteranomaly

35.9389, 35.0447, 44.9145

Tritanomaly

35.9903, 35.1156, 42.9113

Monochromacy



Original Color

36.4292, 35.0514, 44.8900

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.0070, 35.6564, 41.1137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4292, 35.0514, 44.8900 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(173, 154, 174)` looks like.

```
.text, #text, p{  
    color:rgb(173, 154, 174)  
}
```

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(173, 154, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 154, 174) }
```

Border

The CSS property to change the border of an element to XYZ 36.4292, 35.0514, 44.8900 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(173, 154, 174) }
```


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

```
.border{ border-color:rgb(173, 154, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 154, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 154, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 154, 174);  
box-shadow:4px 4px 4px 4px rgb(173, 154,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4292, 35.0514, 44.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 154, 174) }
```

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

```
.background{ background-color: rgb(173,  
154, 174) }
```

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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