

Converting Colors

XYZ(36.4834, 35.1732, 44.4336)

Have a look what the booklet for
XYZ(36.4834, 35.1732, 44.4336)
contains.

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Color

**XYZ(36.3320, 35.0126,
44.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	AD9AAD
RGB	173, 154, 173
RGB Percent	68%, 60%, 68%
CMY	0.3216, 0.3961, 0.3216
CMYK	0.00, 0.11, 0.00, 0.32
HSL	300°, 10%, 64%
HSV	300°, 11%, 68%
XYZ	36.3320, 35.0126, 44.3784
YIQ	161.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

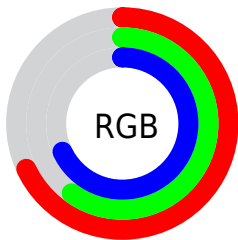
Format	Color
RYB	173, 154, 173
Decimal	11377325
CIELab	65.76, 10.46, -7.32
CIELCh	66, 12.773, 325.016
Yxy	35.0126, 0.3140, 0.3026
Android (android.graphics.Color)	4289567405 (0xFFAD9AAD)
YUV	161.8470, 5.4984, 9.7812
Hunter-Lab	59.1714, 6.0512, -3.0473

Details

The XYZ color **36.3320, 35.0126, 44.3784** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1041, 39.0912, 36.3216**, and the grayscale version is **34.2453, 36.0287, 39.2353**.

A 20% lighter version of the original color is **68.5544, 67.2072, 82.7579**, and **16.1866, 15.1459, 20.1595** is the 20% darker color. If you saturate the color by 10%, you get **33.6804, 29.7088, 43.4949**, and if you desaturate by 10%, it is **39.3972, 41.1425, 45.4005**.

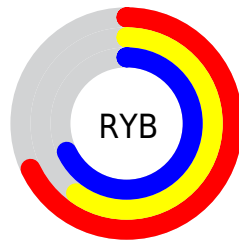
Distribution



Red (68%)

Green (60%)

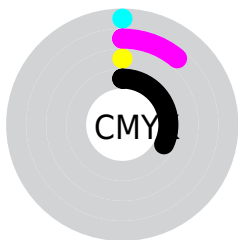
Blue (68%)



Red (68%)

Yellow (60%)

Blue (68%)

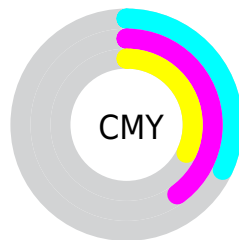


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (32%)



Cyan (32%)


Magenta (40%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3320, 35.0126, 44.3784 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 36.3320, 35.0126, 44.3784 by changing the saturation by 10% instead.


 36.3320, 35.0126,
44.3784


 36.3320, 35.0126,
44.3784


321.8153,
324.6239, 380.3367

 24.8620, 23.6726,
30.6287


 68.8647, 67.5053,
83.0954

 16.1025, 15.0909,
20.0602


 90.6582, 89.4267,
108.8998

 9.6880, 8.8832,
12.2543


116.6235,
115.6441, 139.5595

 5.2533, 4.6651,
6.7925

147.1260,
146.5419, 175.4930

 2.4329, 2.0521,
3.2562

182.5311,
182.5043, 217.1190

 0.8615, 0.6375,
1.2269

223.2041,

 0.0000, 0.0000,

223.9159, 264.8559

0.0007

269.5104,
271.1610, 319.1223

■ 0.0000, 0.0000,
0.0000

■ 36.3320, 35.0126,
44.3784

■ 36.3320, 35.0126,
44.3784

■ 33.6804, 29.7088,
43.4949

■ 39.3972, 41.1425,
45.4005

■ 31.4217, 25.1915,
42.7421

■ 42.8894, 48.1268,
46.5646

■ 29.5383, 21.4247,
42.1143

■ 46.8251, 55.9982,
47.8765

■ 28.0097, 18.3676,
41.6047

■ 51.2192, 64.7863,
49.3412

■ 26.8139, 15.9759,
41.2061

■ 56.0857, 74.5194,
50.9634

■ 25.9259, 14.2001,
40.9102

■ 60.5368, 83.4216,
52.4471

■ 25.3178, 12.9838,
40.7074

■ 60.5369, 83.4216,
52.4471

■ 24.9560, 12.2604,
40.5869

■ 60.5369, 83.4216,
52.4471

■ 24.7766, 11.9014,
40.5271

■ 60.5369, 83.4216,
52.4471

Harmonies

Analogous

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



34.8322, 35.0126, 48.3058



36.3320, 35.0126, 44.3784



37.0149, 35.0126, 39.0302

Triad

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



36.3320, 35.0126, 44.3784



33.5938, 35.0126, 28.7028



30.1059, 35.0126, 42.6751

Complementary

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



36.3320, 35.0126, 44.3784



34.1041, 39.0912, 36.3216

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.



29.8022, 35.0126, 37.2295



36.3320, 35.0126, 44.3784



31.7716, 35.0126, 29.4819

Square

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



36.3320, 35.0126, 44.3784



35.3965, 35.0126, 30.2469



30.4009, 35.0126, 32.4845



31.2466, 35.0126, 47.2593

Rectangle

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



36.3320, 35.0126, 44.3784



36.8971, 35.0126, 35.5003



30.4009, 35.0126, 32.4845



29.9044, 35.0126, 40.8713

Sweetspot

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



36.3330, 35.0141, 44.3792



69.3589, 71.2856, 80.9097



32.4788, 33.1049, 44.2138



14.9756, 15.2967, 17.5509



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.



36.3330, 35.0141, 44.3792



63.9397, 60.4473, 79.1033



35.4746, 34.6708, 39.8589



8.3371, 8.1481, 10.0860



18.2019, 8.7433, 29.7728



0.5064, 0.2432, 0.8282

Inverse Universe

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



34.6232, 34.3302, 35.3753



60.3070, 58.9942, 59.9736



34.8986, 39.4090, 40.5051



8.0053, 8.0154, 8.3386



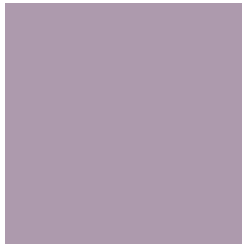
12.6607, 6.5268, 0.5925



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 36.3320, 35.0126, 44.3784 looks on a white background.

Color Contrast Check

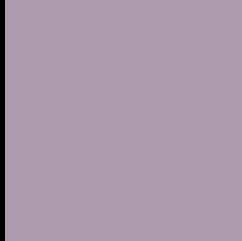
Large Text (above 18pt) WCAG AA × Fail

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 36.3320, 35.0126, 44.3784 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 36.3320, 35.0126, 44.3784

Background



This preview shows how black text looks on a background with the XYZ color 36.3320, 35.0126, 44.3784.



This preview shows how white text looks on a background with the XYZ color 36.3320, 35.0126,

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

36.3320, 35.0126, 44.3784

Protanopia

34.3352, 35.2000, 46.0589

Deuteranopia

35.6264, 34.8948, 44.3928



Tritanopia

35.7097, 35.0034, 41.4334

Trichromacy



Original Color

36.3320, 35.0126, 44.3784

Protanomaly

34.8991, 34.9956, 45.4729

Deuteranomaly

35.8417, 35.0059, 44.4029

Tritanomaly

35.8960, 35.0779, 42.4149

Monochromacy



Original Color

36.3320, 35.0126, 44.3784

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 36.3320, 35.0126, 44.3784 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 154, 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(173, 154, 173) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 36.3320, 35.0126, 44.3784 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, 173) }
```


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

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

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, 173)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 36.3320, 35.0126, 44.3784 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, 173) }
```

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

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