

Converting Colors

XYZ(36.9359, 34.5755, 45.2844)

Have a look what the booklet for
XYZ(36.9359, 34.5755, 45.2844)
contains.

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Color

**XYZ(36.9359, 34.5755,
45.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	B197AF
RGB	177, 151, 175
RGB Percent	69%, 59%, 69%
CMY	0.3059, 0.4078, 0.3137
CMYK	0.00, 0.15, 0.01, 0.31
HSL	305°, 14%, 64%
HSV	305°, 15%, 69%
XYZ	36.9359, 34.5755, 45.2844
YIQ	161.5100, 7.7920, 12.9760

Conversions

Conversions Part 2

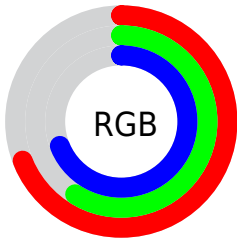
Format	Color
RYB	177, 151, 175
Decimal	11638703
CIELab	65.42, 13.94, -8.91
CIELCh	65, 16.544, 327.396
Yxy	34.5755, 0.3162, 0.2960
Android (android.graphics.Color)	4289828783 (0xFFB197AF)
YUV	161.5100, 6.6506, 13.5847
Hunter-Lab	58.8009, 9.2234, -4.5004

Details

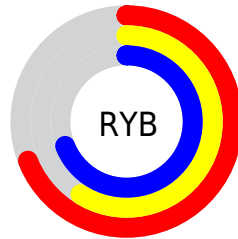
The XYZ color **36.9359, 34.5755, 45.2844** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2357, 40.3244, 36.1178**, and the grayscale version is **34.0819, 35.8569, 39.0481**.

A 20% lighter version of the original color is **69.8594, 66.7558, 84.8045**, and **16.4445, 14.8295, 20.7345** is the 20% darker color. If you saturate the color by 10%, you get **34.1658, 29.2476, 43.7048**, and if you desaturate by 10%, it is **40.1371, 40.7623, 47.0151**.

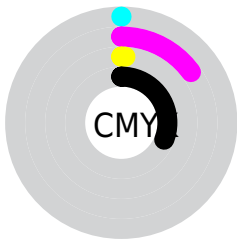
Distribution



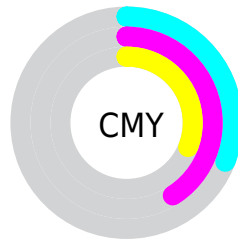
- Red (69%)
- Green (59%)
- Blue (69%)



- Red (69%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9359, 34.5755, 45.2844 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 36.9359, 34.5755, 45.2844 by changing the saturation by 10% instead.


 36.9359, 34.5755,
45.2844


 36.9359, 34.5755,
45.2844


324.3933,
322.6906, 384.1178

 25.3313, 23.3361,
31.3369


 69.7887, 66.8276,
84.4700

 16.4541, 14.8419,
20.5949


 91.7675, 88.6091,
110.5452

 9.9389, 8.7085,
12.6399


117.9352,
114.6734, 141.5000

 5.4204, 4.5515,
7.0532

148.6571,
145.4049, 177.7530

 2.5333, 1.9866,
3.4165

184.2985,
181.1879, 219.7228

 0.9121, 0.5997,
1.3110

225.2247,

 0.0000, 0.0000,

222.4070, 267.8278

0.0708

271.8012,
269.4464, 322.4866

■ 0.0000, 0.0000,
0.0000

■ 36.9359, 34.5755,
45.2844

■ 36.9359, 34.5755,
45.2844

■ 34.1658, 29.2476,
43.7048

■ 40.1371, 40.7623,
47.0151

■ 31.8046, 24.7362,
42.2678

■ 43.7841, 47.8390,
48.9007

■ 29.8330, 21.0017,
40.9673

■ 47.8948, 55.8408,
50.9475

■ 28.2289, 17.9999,
39.7959

■ 52.4850, 64.7996,
53.1609

■ 26.9676, 15.6818,
38.7453

■ 57.5700, 74.7457,
55.5460

■ 26.0220, 13.9928,
37.8065

■ 62.4568, 84.2933,
57.8717

■ 25.3603, 12.8696,
36.9689

■ 62.5994, 84.3503,
58.6228

■ 24.9443, 12.2356,
36.2197

■ 62.7434, 84.4079,
59.3811

■ 24.7770, 12.0053,
35.8422

■ 62.8888, 84.4661,
60.1468

Harmonies

Analogous

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



35.0483, 34.5755, 50.7448



36.9359, 34.5755, 45.2844



37.7281, 34.5755, 38.2549

Triad

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



36.9359, 34.5755, 45.2844



33.0746, 34.5755, 25.8537



28.9067, 34.5755, 44.1098

Complementary

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



36.9359, 34.5755, 45.2844



34.2357, 40.3244, 36.1178

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.



28.4352, 34.5755, 37.0452



36.9359, 34.5755, 45.2844



30.7704, 34.5755, 27.0222

Square

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



36.9359, 34.5755, 45.2844



35.4315, 34.5755, 27.5100



29.1010, 34.5755, 30.9203



30.4217, 34.5755, 50.0103

Rectangle

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



36.9359, 34.5755, 45.2844



37.5007, 34.5755, 33.8059



29.1010, 34.5755, 30.9203



28.6243, 34.5755, 41.7683

Sweetspot

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



36.9369, 34.5770, 45.2851



72.2642, 73.7406, 84.4025



32.0906, 32.0557, 46.0915



15.5622, 15.7898, 18.2394



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.



36.9369, 34.5770, 45.2851



64.2684, 58.2967, 80.0484



35.7445, 34.1001, 39.0062



8.8213, 8.6352, 10.5572



17.9617, 8.7022, 26.0218



0.5734, 0.2771, 0.8624

Inverse Universe

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



36.9369, 34.5770, 45.2851



64.2684, 58.2967, 80.0484



35.3443, 40.7678, 41.9556



8.8213, 8.6352, 10.5572



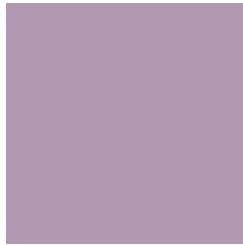
17.9617, 8.7022, 26.0218



0.5734, 0.2771, 0.8624

Previews

White Background



This preview shows how the XYZ color 36.9359, 34.5755, 45.2844 looks on a white background.

Color Contrast Check

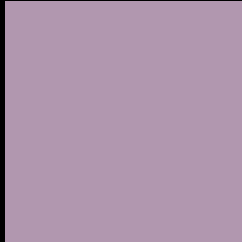
Large Text (above 18pt) WCAG AA × Fail

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 36.9359, 34.5755, 45.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

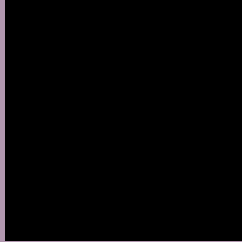
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9359, 34.5755, 45.2844

Background



This preview shows how black text looks on a background with the XYZ color 36.9359, 34.5755, 45.2844.



This preview shows how white text looks on a background with the XYZ color 36.9359, 34.5755,

45.2844.

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

36.9359, 34.5755, 45.2844

Protanopia

34.0738, 34.7763, 47.5644

Deuteranopia

35.2977, 34.7142, 44.8845



Tritanopia

36.0873, 34.7292, 40.3987

Trichromacy



Original Color

36.9359, 34.5755, 45.2844

Protanomaly

35.0671, 34.5496, 46.9400

Deuteranomaly

35.9902, 34.8251, 44.8694

Tritanomaly

36.2942, 34.5512, 42.2922

Monochromacy



Original Color

36.9359, 34.5755, 45.2844

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.1383, 35.4592, 41.5515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9359, 34.5755, 45.2844 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(177, 151, 175)` looks like.

```
.text, #text, p{  
    color:rgb(177, 151, 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(177, 151, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 151, 175) }
```

Border

The CSS property to change the border of an element to XYZ 36.9359, 34.5755, 45.2844 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(177, 151, 175) }
```


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

```
.border{ border-color:rgb(177, 151, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 151, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 151, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 151, 175);  
box-shadow:4px 4px 4px 4px rgb(177, 151,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9359, 34.5755, 45.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 151, 175) }
```

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

```
.background{ background-color: rgb(177,  
151, 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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