

Converting Colors

XYZ(36.2874, 33.4823, 45.5966)

Have a look what the booklet for
XYZ(36.2874, 33.4823, 45.5966)
contains.

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Color

**XYZ(36.3309, 33.5445,
45.6342)**

Conversions

Conversions Part 1

Format	Color
Hex	B094B0
RGB	176, 148, 176
RGB Percent	69%, 58%, 69%
CMY	0.3098, 0.4196, 0.3098
CMYK	0.00, 0.16, 0.00, 0.31
HSL	300°, 15%, 64%
HSV	300°, 16%, 69%
XYZ	36.3309, 33.5445, 45.6342
YIQ	159.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

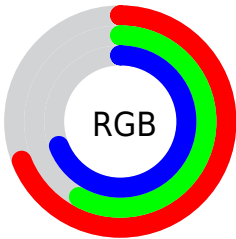
Format	Color
R_{YB}	176, 148, 176
Decimal	11572400
CIE _{Lab}	64.60, 15.46, -10.71
CIE _{LCh}	65, 18.804, 325.289
Yxy	33.5445, 0.3145, 0.2904
Android (android.graphics.Color)	4289762480 (0xFFB094B0)
YUV	159.5640, 8.1029, 14.4144
Hunter-Lab	57.9176, 10.6147, -6.1732

Details

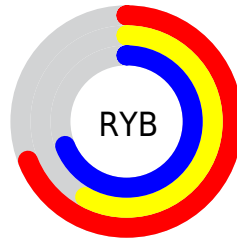
The XYZ color **36.3309, 33.5445, 45.6342** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.0847, 39.4857, 33.8965**, and the grayscale version is **33.1754, 34.9031, 38.0094**.

A 20% lighter version of the original color is **68.9647, 65.2231, 85.2984**, and **16.0182, 14.1904, 20.6337** is the 20% darker color. If you saturate the color by 10%, you get **33.7778, 28.4378, 44.7834**, and if you desaturate by 10%, it is **39.3058, 39.4936, 46.6263**.

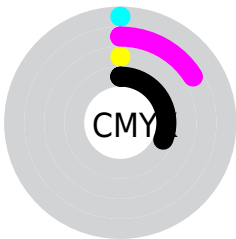
Distribution



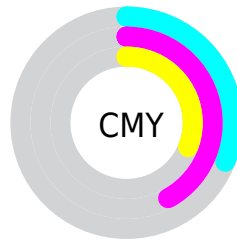
- Red (69%)
- Green (58%)
- Blue (69%)



- Red (69%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)





- Cyan (31%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3309, 33.5445, 45.6342 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 36.3309, 33.5445, 45.6342 by changing the saturation by 10% instead.


 36.3309, 33.5445,
45.6342


 36.3309, 33.5445,
45.6342


321.8106,
318.0962, 385.5708

 24.8612, 22.5439,
31.6107


 68.8630, 65.2247,
84.9998

 16.1018, 14.2571,
20.8020


 90.6561, 86.6731,
111.1789

 9.6875, 8.2997,
12.7895


116.6211,
112.3728, 142.2470

 5.2530, 4.2873,
7.1547

147.1232,
142.7084, 178.6226

 2.4327, 1.8355,
3.4791

182.5278,
178.0641, 220.7243

 0.8614, 0.5092,
1.3442

223.2004,

 0.0000, 0.0000,

218.8244, 268.9705

0.0976

269.5062,
265.3736, 323.7798

■ 0.0000, 0.0000,
0.0000

■ 36.3309, 33.5445,
45.6342

■ 36.3309, 33.5445,
45.6342

■ 33.7778, 28.4378,
44.7834

■ 39.3058, 39.4936,
46.6263

■ 31.6246, 24.1314,
44.0656

■ 42.7171, 46.3162,
47.7635

■ 29.8519, 20.5860,
43.4746

■ 46.5825, 54.0471,
49.0521

■ 28.4376, 17.7575,
43.0030

■ 50.9179, 62.7178,
50.4974

■ 27.3573, 15.5969,
42.6428

■ 55.7383, 72.3585,
52.1043

■ 26.5836, 14.0495,
42.3848

■ 61.0580, 82.9980,
53.8776

■ 26.0846, 13.0517,
42.2184

■ 61.5015, 83.8850,
54.0256

■ 25.8194, 12.5212,
42.1299

■ 61.5015, 83.8850,
54.0257

■ 25.7412, 12.3648,
42.1038

■ 61.5016, 83.8850,
54.0258

Harmonies

Analogous

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



34.1461, 33.5445, 51.6369



36.3309, 33.5445, 45.6342



37.3259, 33.5445, 37.7554

Triad

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



36.3309, 33.5445, 45.6342



32.3101, 33.5445, 23.6509



27.4275, 33.5445, 43.2312

Complementary

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



36.3309, 33.5445, 45.6342



33.0847, 39.4857, 33.8965

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.



26.9968, 33.5445, 35.3201



36.3309, 33.5445, 45.6342



29.7222, 33.5445, 24.6919

Square

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



36.3309, 33.5445, 45.6342



34.9228, 33.5445, 25.6417



27.8139, 33.5445, 28.7154



29.0250, 33.5445, 50.1182

Rectangle

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



36.3309, 33.5445, 45.6342



37.1421, 33.5445, 32.7524



27.8139, 33.5445, 28.7154



27.1455, 33.5445, 40.5751

Sweetspot

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



36.3319, 33.5460, 45.6349



71.7635, 72.5813, 84.7224



30.6406, 30.6120, 45.3688



15.4659, 15.5566, 18.3319



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.



36.3319, 33.5460, 45.6349



64.2224, 57.4991, 82.2084



35.0172, 33.0201, 38.7116



8.8501, 8.6467, 10.7088



18.8865, 9.0721, 30.8918



0.5942, 0.2854, 0.9720

Inverse Universe

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



36.3319, 33.5460, 45.6349



64.2224, 57.4991, 82.2084



34.2609, 39.9562, 40.0902



8.8501, 8.6467, 10.7088



18.8865, 9.0721, 30.8918



0.5942, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 36.3309, 33.5445, 45.6342 looks on a white background.

Color Contrast Check

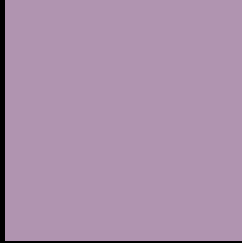
Large Text (above 18pt) WCAG AA × Fail

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 36.3309, 33.5445, 45.6342 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 36.3309, 33.5445, 45.6342

Background



This preview shows how black text looks on a background with the XYZ color 36.3309, 33.5445, 45.6342.



This preview shows how white text looks on a background with the XYZ color 36.3309, 33.5445,

45.6342.

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

36.3309, 33.5445, 45.6342

Protanopia

33.1779, 33.7885, 48.4892

Deuteranopia

34.4389, 33.7701, 45.2606



Tritanopia

34.8835, 33.4200, 38.7946

Trichromacy



Original Color

36.3309, 33.5445, 45.6342

Protanomaly

34.2259, 33.6142, 47.3321

Deuteranomaly

34.9529, 33.5532, 45.1916

Tritanomaly

35.4017, 33.3989, 41.1400

Monochromacy



Original Color

36.3309, 33.5445, 45.6342

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.4973, 34.6371, 40.9438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3309, 33.5445, 45.6342 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, 148, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 148, 176)  
}
```

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, 148, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 148, 176) }
```

Border

The CSS property to change the border of an element to XYZ 36.3309, 33.5445, 45.6342 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, 148, 176) }
```


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

```
.border{ border-color:rgb(176, 148, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 148, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 148, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 148, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 148,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3309, 33.5445, 45.6342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 148, 176) }
```

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

```
.background{ background-color: rgb(176,  
148, 176) }
```

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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