

Converting Colors

XYZ(35.9038, 35.3733, 42.6540)

Have a look what the booklet for
XYZ(35.9038, 35.3733, 42.6540)
contains.

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Color

**XYZ(35.8445, 35.2994,
42.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9CA9
RGB	171, 156, 169
RGB Percent	67%, 61%, 66%
CMY	0.3294, 0.3882, 0.3373
CMYK	0.00, 0.09, 0.01, 0.33
HSL	308°, 8%, 64%
HSV	308°, 9%, 67%
XYZ	35.8445, 35.2994, 42.4604
YIQ	161.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

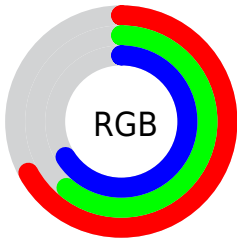
Format	Color
R_{YB}	171, 156, 169
Decimal	11246761
CIE Lab	65.98, 7.88, -4.77
CIE LCh	66, 9.208, 328.788
Yxy	35.2994, 0.3155, 0.3107
Android (android.graphics.Color)	4289436841 (0xFFAB9CA9)
YUV	161.9670, 3.4673, 7.9219
Hunter-Lab	59.4133, 3.7172, -0.7830

Details

The XYZ color **35.8445, 35.2994, 42.4604** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4461, 38.6634, 37.9969**, and the grayscale version is **34.3108, 36.0976, 39.3103**.

A 20% lighter version of the original color is **67.8652, 67.6438, 80.0007**, and **15.8702, 15.3094, 18.9482** is the 20% darker color. If you saturate the color by 10%, you get **32.9628, 29.8751, 40.4531**, and if you desaturate by 10%, it is **39.1360, 41.5362, 44.6236**.

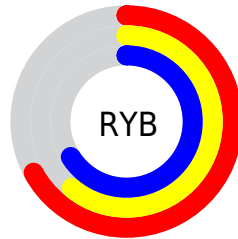
Distribution



Red (67%)

Green (61%)

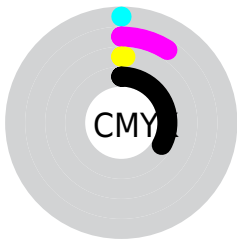
Blue (66%)



Red (67%)

Yellow (61%)

Blue (66%)

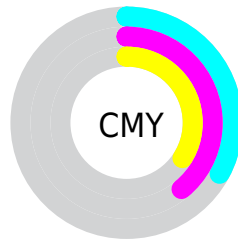


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (33%)



Cyan (33%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8445, 35.2994, 42.4604 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 35.8445, 35.2994, 42.4604 by changing the saturation by 10% instead.


 35.8445, 35.2994,
42.4604


 35.8445, 35.2994,
42.4604


319.7235,
325.8879, 372.2437

 24.4837, 23.8936,
29.1337


 68.1174, 67.9493,
80.1735

 15.8195, 15.2547,
18.9355

 89.7602, 89.9622,
105.3971

 9.4865, 8.9983,
11.4474


115.5611,
116.2796, 135.4233

 5.1195, 4.7401,
6.2506

145.8854,
147.2859, 170.6708

 2.3530, 2.0956,
2.9268

181.0984,
183.3655, 211.5580

 0.8216, 0.6621,
1.0574

221.5655,

 0.0000, 0.0000,

224.9028, 258.5035

0.0000

267.6521,
272.2821, 311.9259

■ 35.8445, 35.2994,
42.4604

■ 35.8445, 35.2994,
42.4604

■ 32.9628, 29.8751,
40.4531

■ 39.1360, 41.5362,
44.6236

■ 30.4710, 25.2252,
38.5936

■ 42.8499, 48.6124,
46.9457

■ 28.3521, 21.3152,
36.8767

■ 47.0024, 56.5597,
49.4327

■ 26.5867, 18.1064,
35.2957

■ 51.6076, 65.4063,
52.0892

■ 25.1536, 15.5564,
33.8436

■ 56.6792, 75.1796,
54.9200

■ 24.0295, 13.6184,
32.5125

■ 61.0693, 83.5839,
57.5425

■ 23.1878, 12.2394,
31.2933

■ 61.3082, 83.6794,
58.8002

■ 22.5973, 11.3572,
30.1757

■ 61.5509, 83.7765,
60.0782

■ 22.2007, 10.8569,
29.1403

■ 61.7974, 83.8751,
61.3767

Harmonies

Analogous

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



34.8300, 35.2994, 45.4011



35.8445, 35.2994, 42.4604



36.2421, 35.2994, 38.5942

Triad

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



35.8445, 35.2994, 42.4604



33.6065, 35.2994, 31.4038



31.3045, 35.2994, 42.1669

Complementary

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



35.8445, 35.2994, 42.4604



34.4461, 38.6634, 37.9969

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.



30.9966, 35.2994, 38.2763



35.8445, 35.2994, 42.4604



32.3038, 35.2994, 32.2207

Square

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



35.8445, 35.2994, 42.4604



34.9286, 35.2994, 32.3622



31.3575, 35.2994, 34.6725



32.2102, 35.2994, 45.2237

Rectangle

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



35.8445, 35.2994, 42.4604



36.0958, 35.2994, 36.0663



31.3575, 35.2994, 34.6725



31.1288, 35.2994, 40.9053

Sweetspot

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



35.8455, 35.3009, 42.4612



67.4744, 69.4244, 78.2243



33.3412, 33.9880, 43.3318



14.9423, 15.2833, 17.3756



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.



35.8455, 35.3009, 42.4612



62.8790, 60.7347, 75.1478



35.1615, 35.0273, 38.8590



8.2904, 8.1294, 9.8402



16.7158, 8.1489, 21.9467



0.4775, 0.2317, 0.6762

Inverse Universe

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



35.8455, 35.3009, 42.4612



62.8790, 60.7347, 75.1478



35.1116, 38.9295, 41.5010



8.2904, 8.1294, 9.8402



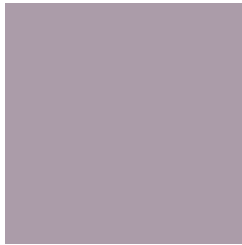
16.7158, 8.1489, 21.9467



0.4775, 0.2317, 0.6762

Previews

White Background



This preview shows how the XYZ color 35.8445, 35.2994, 42.4604 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 35.8445, 35.2994, 42.4604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

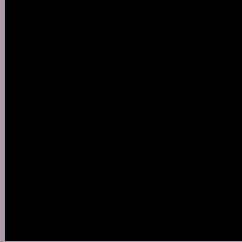
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8445, 35.2994, 42.4604

Background



This preview shows how black text looks on a background with the XYZ color 35.8445, 35.2994, 42.4604.



This preview shows how white text looks on a background with the XYZ color 35.8445, 35.2994,

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

35.8445, 35.2994, 42.4604

Protanopia

34.2460, 35.2101, 43.5194

Deuteranopia

36.0632, 35.4122, 42.4706



Tritanopia

35.7509, 35.2620, 41.9678

Trichromacy



Original Color

35.8445, 35.2994, 42.4604

Protanomaly

34.7924, 35.2485, 43.0001

Deuteranomaly

36.0632, 35.4122, 42.4706

Tritanomaly

35.7509, 35.2620, 41.9678

Monochromacy



Original Color

35.8445, 35.2994, 42.4604

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.8794, 35.8576, 40.6802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8445, 35.2994, 42.4604 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(171, 156, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 156, 169)  
}
```

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(171, 156, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 156, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.8445, 35.2994, 42.4604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

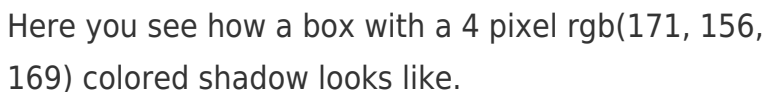
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 156, 169) }
```


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

```
.border{ border-color:rgb(171, 156, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 156, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 156, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 156, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 156,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8445, 35.2994, 42.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 156, 169) }
```

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

```
.background{ background-color: rgb(171,  
156, 169) }
```

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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