

Converting Colors

XYZ(35.4307, 29.3530, 41.1241)

Have a look what the booklet for
XYZ(35.4307, 29.3530, 41.1241)
contains.

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Color

**XYZ(35.3938, 29.2689,
41.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	BA82A9
RGB	186, 130, 169
RGB Percent	73%, 51%, 66%
CMY	0.2706, 0.4902, 0.3373
CMYK	0.00, 0.30, 0.09, 0.27
HSL	318°, 29%, 62%
HSV	318°, 30%, 73%
XYZ	35.3938, 29.2689, 41.3201
YIQ	151.1900, 20.8570, 24.0010

Conversions

Conversions Part 2

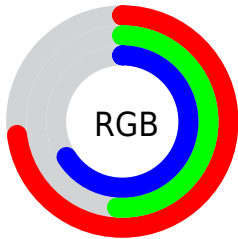
Format	Color
R_{YB}	186, 130, 169
Decimal	12223145
CIE _{Lab}	61.02, 27.75, -12.01
CIE _{LCh}	61, 30.233, 336.597
Yxy	29.2689, 0.3340, 0.2762
Android (android.graphics.Color)	4290413225 (0xFFBA82A9)
YUV	151.1900, 8.7803, 30.5284
Hunter-Lab	54.1007, 22.1020, -7.4129

Details

The XYZ color **35.3938, 29.2689, 41.3201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.0325, 41.9712, 34.0186**, and the grayscale version is **29.4548, 30.9887, 33.7467**.

A 20% lighter version of the original color is **67.5572, 58.7175, 78.2940**, and **15.5953, 11.9272, 18.3098** is the 20% darker color. If you saturate the color by 10%, you get **32.6212, 24.5536, 37.8368**, and if you desaturate by 10%, it is **38.6382, 34.8904, 45.0743**.

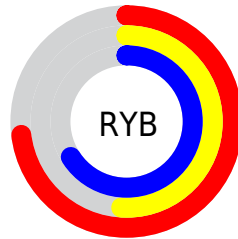
Distribution



Red (73%)

Green (51%)

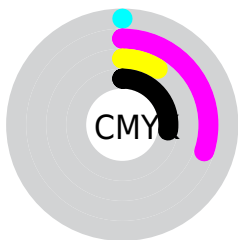
Blue (66%)



Red (73%)

Yellow (51%)

Blue (66%)

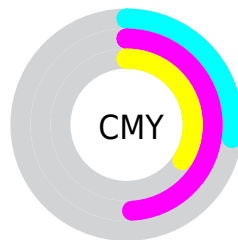


Cyan (0%)

Magenta (30%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3938, 29.2689, 41.3201 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 35.3938, 29.2689, 41.3201 by changing the saturation by 10% instead.

 35.3938, 29.2689,
41.3201


 35.3938, 29.2689,
41.3201


317.7808,
298.4816, 367.3729


 24.1343, 19.2843,
28.2477

 67.4254, 58.5040,
78.4285

 15.5586, 11.8759,
18.2718


 88.9282, 78.5234,
103.3016

 9.3012, 6.6592,
10.9738


 114.5762,
102.6565, 132.9454

 4.9968, 3.2499,
5.9353

144.7347,
131.2877, 167.7783

 2.2801, 1.2636,
2.7376

179.7690,
164.8014, 208.2190

 0.7845, 0.1127,
0.9623

220.0446,

 0.0000, 0.0000,

203.5820, 254.6860

0.0000

265.9267,
248.0140, 307.5978

■ 35.3938, 29.2689,
41.3201

■ 35.3938, 29.2689,
41.3201

■ 32.6212, 24.5536,
37.8368

■ 38.6382, 34.8904,
45.0743

■ 30.2935, 20.6921,
34.6130

■ 42.3745, 41.4589,
49.1065

■ 28.3848, 17.6330,
31.6390

■ 46.6244, 49.0174,
53.4257

■ 26.8655, 15.3175,
28.9035

■ 51.4080, 57.6051,
58.0398

■ 25.7020, 13.6787,
26.3938

■ 56.7440, 67.2592,
62.9564

■ 24.8545, 12.6377,
24.0951

■ 62.6501, 78.0147,
68.1827

■ 24.2479, 12.0384,
22.0005

■ 67.4604, 86.5394,
73.1646

■ 68.1701, 86.8233,
76.9019

■ 68.9048, 87.1172,
80.7709

Harmonies

Analogous

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



32.6011, 29.2689, 52.7339



35.3938, 29.2689, 41.3201



36.0731, 29.2689, 29.4328

Triad

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



35.3938, 29.2689, 41.3201



26.9551, 29.2689, 14.7673



22.1524, 29.2689, 46.6877

Complementary

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



35.3938, 29.2689, 41.3201



32.0325, 41.9712, 34.0186

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.



20.9314, 29.2689, 34.4358



35.3938, 29.2689, 41.3201



23.5294, 29.2689, 17.3927

Square

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



35.3938, 29.2689, 41.3201



30.9486, 29.2689, 15.7754



21.4106, 29.2689, 23.9813



24.9082, 29.2689, 56.3106

Rectangle

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



35.3938, 29.2689, 41.3201



35.1839, 29.2689, 23.0828



21.4106, 29.2689, 23.9813



21.5614, 29.2689, 42.6418

Sweetspot

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



35.3947, 29.2702, 41.3207



77.5014, 76.3778, 89.7336



28.8436, 25.6965, 49.8947



16.8332, 16.4059, 19.5165



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3947, 29.2702, 41.3207



60.7972, 47.3237, 70.7423



33.0561, 28.3348, 29.0057



9.2617, 9.1150, 10.7253



16.3475, 8.1128, 14.9827



0.6024, 0.2964, 0.6658

Inverse Universe

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



35.3947, 29.2702, 41.3207



60.7972, 47.3237, 70.7423



34.4841, 42.9518, 46.9285



9.2617, 9.1150, 10.7253



16.3475, 8.1128, 14.9827



0.6024, 0.2964, 0.6658

Previews

White Background



This preview shows how the XYZ color 35.3938, 29.2689, 41.3201 looks on a white background.

Color Contrast Check

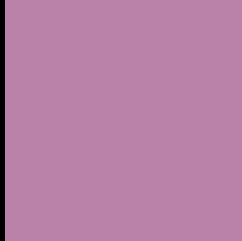
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3938, 29.2689, 41.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

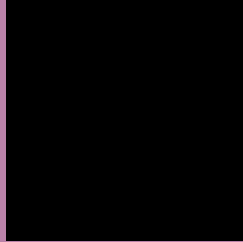
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3938, 29.2689, 41.3201

Background



This preview shows how black text looks on a background with the XYZ color 35.3938, 29.2689, 41.3201.



This preview shows how white text looks on a background with the XYZ color 35.3938, 29.2689,

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

35.3938, 29.2689, 41.3201

Protanopia

29.3323, 29.4285, 47.3143

Deuteranopia

29.9931, 29.4720, 40.1843



Tritanopia

33.1644, 29.1618, 30.6689

Trichromacy



Original Color

35.3938, 29.2689, 41.3201

Protanomaly

31.1192, 29.0589, 45.0431

Deuteranomaly

31.7247, 29.2546, 40.5338

Tritanomaly

33.9874, 29.2985, 34.4357

Monochromacy



Original Color

35.3938, 29.2689, 41.3201

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.3039, 30.0061, 36.4896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3938, 29.2689, 41.3201 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(186, 130, 169)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 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(186, 130, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.3938, 29.2689, 41.3201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

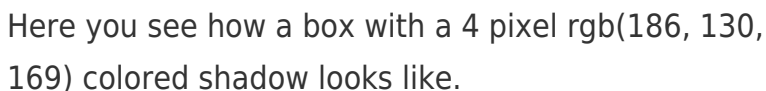
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 130, 169) }
```


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

```
.border{ border-color:rgb(186, 130, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 130, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 169);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3938, 29.2689, 41.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 169) }
```

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

```
.background{ background-color: rgb(186,  
130, 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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