

Converting Colors

XYZ(38.3661, 35.8283, 43.9232)

Have a look what the booklet for
XYZ(38.3661, 35.8283, 43.9232)
contains.

XYZ(38.3661, 35.8283, 43.9232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.3661, 35.8283,
43.9232)**

Conversions

Conversions Part 1

Format	Color
Hex	B799AC
RGB	183, 153, 172
RGB Percent	72%, 60%, 67%
CMY	0.2823, 0.4000, 0.3255
CMYK	0.00, 0.16, 0.06, 0.28
HSL	322°, 17%, 66%
HSV	322°, 16%, 72%
XYZ	38.3661, 35.8283, 43.9232
YIQ	164.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

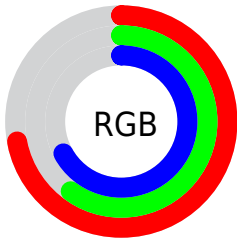
Format	Color
R _Y B	183, 153, 172
Decimal	12032428
CIE Lab	66.39, 14.40, -5.73
CIE LCh	66, 15.496, 338.306
Yxy	35.8283, 0.3248, 0.3033
Android (android.graphics.Color)	4290222508 (0xFFB799AC)
YUV	164.1360, 3.8770, 16.5437
Hunter-Lab	59.8567, 9.6630, -1.6076

Details

The XYZ color **38.3661, 35.8283, 43.9232** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.7726, 43.3207, 41.5476**, and the grayscale version is **35.3304, 37.1703, 40.4785**.

A 20% lighter version of the original color is **71.7746, 68.5224, 82.1163**, and **17.3475, 15.6046, 19.8670** is the 20% darker color. If you saturate the color by 10%, you get **34.9695, 30.0401, 39.6912**, and if you desaturate by 10%, it is **42.2567, 42.5514, 48.4813**.

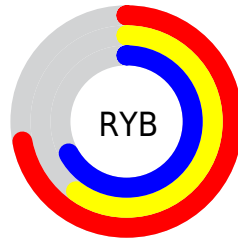
Distribution



Red (72%)

Green (60%)

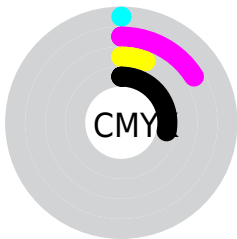
Blue (67%)



Red (72%)

Yellow (60%)

Blue (67%)

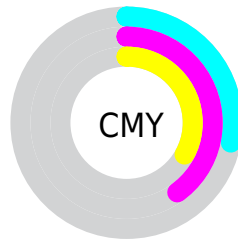


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (28%)



Cyan (28%)


Magenta (40%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3661, 35.8283, 43.9232 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 38.3661, 35.8283, 43.9232 by changing the saturation by 10% instead.


 38.3661, 35.8283,
43.9232


 38.3661, 35.8283,
43.9232

330.4416,
328.2095, 378.4270

 26.4455, 24.3016,
30.2734


 71.9692, 68.7670,
82.4034

 17.2916, 15.5575,
19.7924

 94.3824, 90.9477,
108.0709

 10.5392, 9.2116,
12.0616


121.0238,
117.4487, 138.5813

 5.8229, 4.8795,
6.6626

152.2588,
148.6542, 174.3533

 2.7773, 2.1767,
3.1768

188.4527,
184.9486, 215.8053

 1.0371, 0.7072,
1.1856

229.9709,

 0.0000, 0.0000,

226.7163, 263.3559

0.0000

277.1788,
274.3418, 317.4236

■ 38.3661, 35.8283,
43.9232

■ 38.3661, 35.8283,
43.9232

■ 34.9695, 30.0401,
39.6912

■ 42.2567, 42.5514,
48.4813

■ 32.0424, 25.1402,
35.7736

■ 46.6583, 50.2439,
53.3721

■ 29.5629, 21.0849,
32.1611

■ 51.5906, 58.9444,
58.6050

■ 27.5061, 17.8253,
28.8429

■ 57.0715, 68.6878,
64.1881

■ 25.8444, 15.3069,
25.8072

■ 63.1181, 79.5076,
70.1293

■ 24.5468, 13.4687,
23.0413

■ 67.2059, 86.3543,
75.5892

■ 23.5776, 12.2399,
20.5305

■ 68.0718, 86.7007,
80.1488

■ 22.8892, 11.5263,
18.2562

■ 68.9733, 87.0613,
84.8960

■ 22.6749, 11.3259,
17.4815

■ 69.9108, 87.4363,
89.8329

Harmonies

Analogous

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



36.8924, 35.8283, 49.9116



38.3661, 35.8283, 43.9232



38.6581, 35.8283, 37.1955

Triad

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



38.3661, 35.8283, 43.9232



33.4138, 35.8283, 27.6923



30.6740, 35.8283, 47.4719

Complementary

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



38.3661, 35.8283, 43.9232



36.7726, 43.3207, 41.5476

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.



29.8303, 35.8283, 40.8844



38.3661, 35.8283, 43.9232



31.3645, 35.8283, 29.8255

Square

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



38.3661, 35.8283, 43.9232



35.7283, 35.8283, 28.3099



30.0772, 35.8283, 34.4793



32.4323, 35.8283, 52.1169

Rectangle

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



38.3661, 35.8283, 43.9232



38.1313, 35.8283, 33.2648



30.0772, 35.8283, 34.4793



30.2777, 35.8283, 45.3834

Sweetspot

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



38.3671, 35.8299, 43.9240



76.6592, 77.9109, 87.9404



35.2498, 34.0956, 49.5236



16.8155, 17.0060, 19.2916



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.3671, 35.8299, 43.9240



66.2141, 59.8905, 75.6118



37.0068, 35.2857, 36.7604



9.2374, 9.1053, 10.5976



15.8521, 7.9146, 12.3738



0.5875, 0.2905, 0.5873

Inverse Universe

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



38.3671, 35.8299, 43.9240



66.2141, 59.8905, 75.6118



38.2082, 43.8949, 49.1074



9.2374, 9.1053, 10.5976



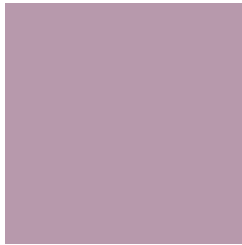
15.8521, 7.9146, 12.3738



0.5875, 0.2905, 0.5873

Previews

White Background



This preview shows how the XYZ color 38.3661, 35.8283, 43.9232 looks on a white background.

Color Contrast Check

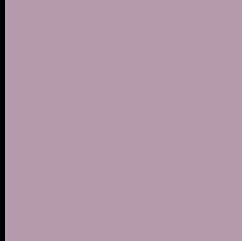
Large Text (above 18pt) WCAG AA × Fail

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 38.3661, 35.8283, 43.9232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

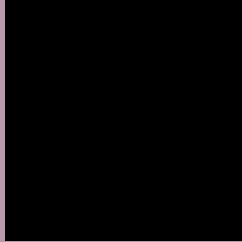
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3661, 35.8283, 43.9232

Background



This preview shows how black text looks on a background with the XYZ color 38.3661, 35.8283, 43.9232.



This preview shows how white text looks on a background with the XYZ color 38.3661, 35.8283,

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

38.3661, 35.8283, 43.9232

Protanopia

35.1779, 36.1376, 46.7162

Deuteranopia

36.6412, 35.9385, 43.5337



Tritanopia

37.7299, 35.8095, 40.9997

Trichromacy



Original Color

38.3661, 35.8283, 43.9232

Protanomaly

36.1132, 35.8737, 45.5784

Deuteranomaly

37.3706, 36.0643, 43.5195

Tritanomaly

37.9149, 35.8834, 41.9737

Monochromacy



Original Color

38.3661, 35.8283, 43.9232

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.3404, 36.5896, 41.7064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3661, 35.8283, 43.9232 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(183, 153, 172)` looks like.

```
.text, #text, p{  
    color:rgb(183, 153, 172)  
}
```

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(183, 153, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 153, 172) }
```

Border

The CSS property to change the border of an element to XYZ 38.3661, 35.8283, 43.9232 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(183, 153, 172) }
```


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

```
.border{ border-color:rgb(183, 153, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 153, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 153, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 153, 172);  
box-shadow:4px 4px 4px 4px rgb(183, 153,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3661, 35.8283, 43.9232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 153, 172) }
```

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

```
.background{ background-color: rgb(183,  
153, 172) }
```

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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