

Converting Colors

XYZ(38.8868, 36.6320, 45.0745)

Have a look what the booklet for
XYZ(38.8868, 36.6320, 45.0745)
contains.

XYZ(38.8898, 36.5660, 45.0526)	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(38.8898, 36.5660,
45.0526)**

Conversions

Conversions Part 1

Format	Color
Hex	B79BAE
RGB	183, 155, 174
RGB Percent	72%, 61%, 68%
CMY	0.2823, 0.3921, 0.3176
CMYK	0.00, 0.15, 0.05, 0.28
HSL	319°, 16%, 66%
HSV	319°, 15%, 72%
XYZ	38.8898, 36.5660, 45.0526
YIQ	165.5380, 10.5890, 11.8450

Conversions

Conversions Part 2

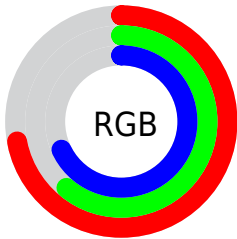
Format	Color
RYB	183, 155, 174
Decimal	12032942
CIELab	66.95, 13.65, -6.02
CIElCh	67, 14.918, 336.218
Yxy	36.5660, 0.3227, 0.3034
Android (android.graphics.Color)	4290223022 (0xFFB79BAE)
YUV	165.5380, 4.1718, 15.3142
Hunter-Lab	60.4698, 8.9760, -1.8447

Details

The XYZ color **38.8898, 36.5660, 45.0526** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.1534, 43.5169, 41.5655**, and the grayscale version is **36.0006, 37.8754, 41.2463**.

A 20% lighter version of the original color is **72.7861, 70.1011, 83.8234**, and **17.6691, 16.0516, 20.5794** is the 20% darker color. If you saturate the color by 10%, you get **35.5113, 30.7063, 41.1587**, and if you desaturate by 10%, it is **42.7571, 43.3620, 49.2342**.

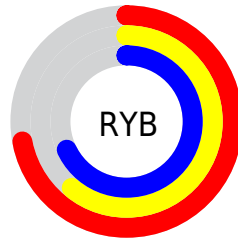
Distribution



Red (72%)

Green (61%)

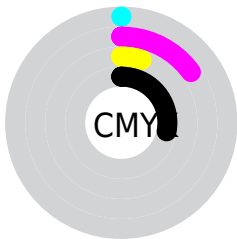
Blue (68%)



Red (72%)

Yellow (61%)

Blue (68%)

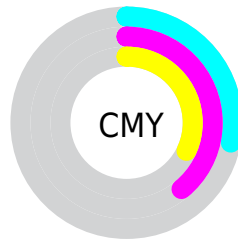


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (28%)



Cyan (28%)


Magenta (39%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8898, 36.5660, 45.0526 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 38.8898, 36.5660, 45.0526 by changing the saturation by 10% instead.

 38.8898, 36.5660,
45.0526


 38.8898, 36.5660,
45.0526


332.6370,
331.4277, 383.1529

 26.8543, 24.8716,
31.1556


 72.7651, 69.9048,
84.1186

 17.5999, 15.9815,
20.4579


 95.3356, 92.3180,
110.1247

 10.7611, 9.5110,
12.5410


122.1486,
119.0730, 141.0043

 5.9725, 5.0760,
6.9862

153.5693,
150.5541, 177.1759

 2.8689, 2.2919,
3.3752

189.9632,
187.1457, 219.0580

 1.0848, 0.7694,
1.2892

231.6955,

 0.0123, 0.0000,

229.2322, 267.0691

0.0530

279.1316,
277.1981, 321.6279

■ 0.0000, 0.0000,
0.0000

■ 38.8898, 36.5660,
45.0526

■ 38.8898, 36.5660,
45.0526

■ 35.5113, 30.7063,
41.1587

■ 42.7571, 43.3620,
49.2342

■ 32.5973, 25.7367,
37.5417

■ 47.1298, 51.1286,
53.7094

■ 30.1265, 21.6140,
34.1931

■ 52.0275, 59.9038,
58.4865

■ 28.0741, 18.2896,
31.1032

■ 57.4677, 69.7227,
63.5730

■ 26.4132, 15.7101,
28.2613

■ 63.4674, 80.6182,
68.9759

■ 25.1134, 13.8152,
25.6555

■ 66.8344, 86.2057,
73.6326

■ 24.1397, 12.5354,
23.2725

■ 67.5778, 86.5031,
77.5475

■ 23.4488, 11.7849,
21.0961

■ 68.3485, 86.8113,
81.6057

■ 23.1777, 11.5270,
20.1290

■ 69.1466, 87.1306,
85.8087

Harmonies

Analogous

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



37.3893, 36.5660, 50.7354



38.8898, 36.5660, 45.0526



39.2615, 36.5660, 38.4798

Triad

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



38.8898, 36.5660, 45.0526



34.2858, 36.5660, 28.6683



31.3620, 36.5660, 47.6389

Complementary

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



38.8898, 36.5660, 45.0526



37.1534, 43.5169, 41.5655

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.



30.6070, 36.5660, 41.1790



38.8898, 36.5660, 45.0526



32.2473, 36.5660, 30.5847

Square

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



38.8898, 36.5660, 45.0526



36.5389, 36.5660, 29.4666



30.9240, 36.5660, 34.9984



33.0299, 36.5660, 52.3383

Rectangle

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



38.8898, 36.5660, 45.0526



38.8056, 36.5660, 34.5595



30.9240, 36.5660, 34.9984



30.9964, 36.5660, 45.5761

Sweetspot

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



38.8909, 36.5676, 45.0534



76.7359, 77.9416, 88.3441



35.5525, 34.7418, 49.6324



16.8347, 17.0137, 19.3927



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.



38.8909, 36.5676, 45.0534



67.7471, 62.1711, 78.5441



37.6080, 36.0544, 38.2977



9.2548, 9.1123, 10.6890



16.2013, 8.0543, 14.2127



0.5981, 0.2947, 0.6429

Inverse Universe

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



38.8909, 36.5676, 45.0534



67.7471, 62.1711, 78.5441



38.4748, 44.0455, 48.5240



9.2548, 9.1123, 10.6890



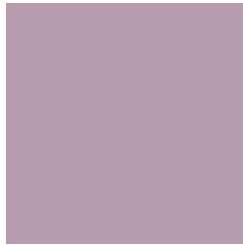
16.2013, 8.0543, 14.2127



0.5981, 0.2947, 0.6429

Previews

White Background



This preview shows how the XYZ color 38.8898, 36.5660, 45.0526 looks on a white background.

Color Contrast Check

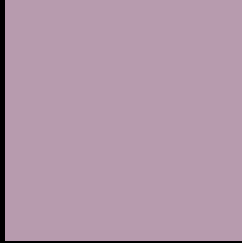
Large Text (above 18pt) WCAG AA × Fail

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 38.8898, 36.5660, 45.0526 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 38.8898, 36.5660, 45.0526

Background



This preview shows how black text looks on a background with the XYZ color 38.8898, 36.5660, 45.0526.



This preview shows how white text looks on a background with the XYZ color 38.8898, 36.5660,

45.0526.

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

38.8898, 36.5660, 45.0526

Protanopia

35.8565, 36.7364, 47.3205

Deuteranopia

37.2252, 36.4695, 44.6125



Tritanopia

38.2478, 36.5492, 42.0846

Trichromacy



Original Color

38.8898, 36.5660, 45.0526

Protanomaly

36.9115, 36.5166, 46.6979

Deuteranomaly

37.7313, 36.4782, 44.5875

Tritanomaly

38.4356, 36.6243, 43.0736

Monochromacy



Original Color

38.8898, 36.5660, 45.0526

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.0950, 37.4759, 42.8146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8898, 36.5660, 45.0526 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, 155, 174)` looks like.

```
.text, #text, p{  
    color:rgb(183, 155, 174)  
}
```

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, 155, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 155, 174) }
```

Border

The CSS property to change the border of an element to XYZ 38.8898, 36.5660, 45.0526 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, 155, 174) }
```


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

```
.border{ border-color:rgb(183, 155, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 155, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 155, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 155, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 155,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8898, 36.5660, 45.0526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 155, 174) }
```

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

```
.background{ background-color: rgb(183,  
155, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor