

Converting Colors

XYZ(38.3226, 29.0591, 53.5560)

Have a look what the booklet for
XYZ(38.3226, 29.0591, 53.5560)
contains.

XYZ(38.2122, 28.9313, 53.4395)	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(38.2122, 28.9313,
53.4395)**

Conversions

Conversions Part 1

Format	Color
Hex	C07AC0
RGB	192, 122, 192
RGB Percent	75%, 48%, 75%
CMY	0.2471, 0.5216, 0.2471
CMYK	0.00, 0.36, 0.00, 0.25
HSL	300°, 36%, 62%
HSV	300°, 36%, 75%
XYZ	38.2122, 28.9313, 53.4395
YIQ	150.9100, 19.2500, 36.6100

Conversions

Conversions Part 2

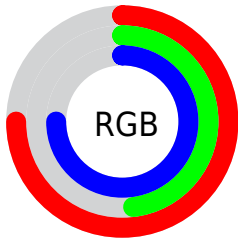
Format	Color
R _Y B	192, 122, 192
Decimal	12614336
CIE Lab	60.72, 38.33, -25.48
CIE LCh	61, 46.030, 326.385
Yxy	28.9313, 0.3169, 0.2399
Android (android.graphics.Color)	4290804416 (0xFFC07AC0)
YUV	150.9100, 20.2574, 36.0359
Hunter-Lab	53.7878, 32.6821, -21.2546

Details

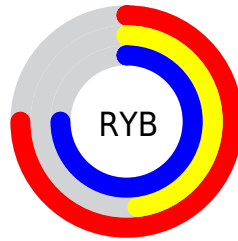
The XYZ color **38.2122, 28.9313, 53.4395** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.3897, 43.2430, 25.1590**, and the grayscale version is **29.2881, 30.8134, 33.5558**.

A 20% lighter version of the original color is **71.6911, 58.0300, 97.0449**, and **17.1572, 11.6598, 25.3910** is the 20% darker color. If you saturate the color by 10%, you get **36.0839, 24.6740, 52.7303**, and if you desaturate by 10%, it is **40.8081, 34.1226, 54.3052**.

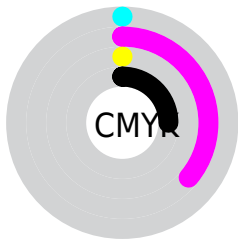
Distribution



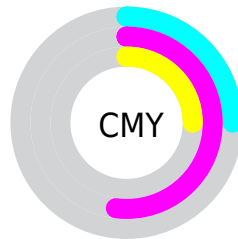
- Red (75%)
- Green (48%)
- Blue (75%)



- Red (75%)
- Yellow (48%)
- Blue (75%)



- Cyan (0%)
- Magenta (36%)
- Yellow (0%)
- Black (25%)





- Cyan (25%)
- Magenta (52%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2122, 28.9313, 53.4395 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 38.2122, 28.9313, 53.4395 by changing the saturation by 10% instead.

 38.2122, 28.9313,
53.4395


 38.2122, 28.9313,
53.4395

329.7945,
296.8907, 417.0831


 26.3254, 19.0289,
37.7636


 71.7351, 57.9679,
96.6989

 17.2012, 11.6911,
25.4989


 94.1018, 77.8709,
125.1194

 10.4742, 6.5337,
16.2267


 120.6926,
101.8761, 158.6253

 5.7792, 3.1723,
9.5286

151.8728,
130.3681, 197.6350

 2.7506, 1.2223,
4.9861

188.0077,
163.7311, 242.5671

 1.0233, 0.0798,
2.1805

229.4628,

 0.0000, 0.0000,

202.3496, 293.8401

0.6631

276.6032,
246.6080, 351.8726

■ 0.0000, 0.0000,
0.0000

■ 38.2122, 28.9313,
53.4395

■ 38.2122, 28.9313,
53.4395

■ 36.0839, 24.6740,
52.7303

■ 40.8081, 34.1226,
54.3052

■ 34.3927, 21.2918,
52.1665

■ 43.8942, 40.2946,
55.3340

■ 33.1093, 18.7249,
51.7386


■ 47.4947, 47.4956,
56.5342


■ 32.1992, 16.9048,
51.4351


■ 51.6317, 55.7696,
57.9133


■ 31.6225, 15.7514,
51.2428


■ 56.3259, 65.1579,
59.4781

 31.3268, 15.1601,
51.1442

 61.5968, 75.6997,
61.2352

 31.2530, 15.0124,
51.1195

 67.0132, 86.5325,
63.0407

 67.0132, 86.5325,
63.0408

 67.0132, 86.5325,
63.0409

Harmonies

Analogous

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



32.9235, 28.9313, 71.0990



38.2122, 28.9313, 53.4395



40.6239, 28.9313, 33.6205

Triad

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



38.2122, 28.9313, 53.4395



28.2287, 28.9313, 8.7597



18.4411, 28.9313, 48.4924

Complementary

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



38.2122, 28.9313, 53.4395



30.3897, 43.2430, 25.1590

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.



17.5567, 28.9313, 29.4730



38.2122, 28.9313, 53.4395



22.7045, 28.9313, 10.2707

Square

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



38.2122, 28.9313, 53.4395



34.3577, 28.9313, 11.2845



19.0014, 28.9313, 16.5776



21.6187, 28.9313, 67.5908

Rectangle

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



38.2122, 28.9313, 53.4395



40.0513, 28.9313, 23.1053



19.0014, 28.9313, 16.5776



17.8876, 28.9313, 41.7186

Sweetspot

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



38.2131, 28.9326, 53.4401



82.8587, 79.6625, 101.3694



24.5013, 21.8639, 52.7987



17.5860, 16.7104, 21.6838



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.2131, 28.9326, 53.4401



65.9979, 45.9411, 95.7486



34.7847, 27.5612, 35.3860



10.4973, 10.2475, 12.7095



21.0296, 10.1016, 34.3974



0.9086, 0.4365, 1.4862

Inverse Universe

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



38.2131, 28.9326, 53.4401



65.9979, 45.9411, 95.7486



32.9626, 44.2722, 38.7076



10.4973, 10.2475, 12.7095



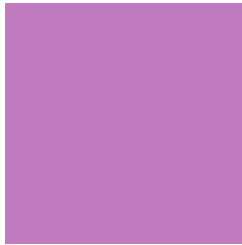
21.0296, 10.1016, 34.3974



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 38.2122, 28.9313, 53.4395 looks on a white background.

Color Contrast Check

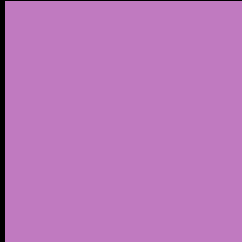
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2122, 28.9313, 53.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

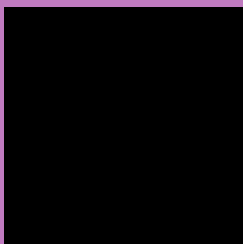
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.2122, 28.9313, 53.4395

Background



This preview shows how black text looks on a background with the XYZ color 38.2122, 28.9313, 53.4395.



This preview shows how white text looks on a background with the XYZ color 38.2122, 28.9313,

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

38.2122, 28.9313, 53.4395

Protanopia

30.2382, 29.2899, 64.3814

Deuteranopia

29.6978, 29.0663, 51.6221



Tritanopia

33.1413, 28.7698, 29.3976

Trichromacy



Original Color

38.2122, 28.9313, 53.4395



Protanomaly

32.3028, 28.6871, 60.3345



Deuteranomaly

32.0900, 28.5515, 51.9638



Tritanomaly

34.8034, 28.6678, 36.9568

Monochromacy



Original Color

38.2122, 28.9313, 53.4395



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

31.9869, 29.6163, 40.1070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2122, 28.9313, 53.4395 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(192, 122, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 122, 192)  
}
```

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(192, 122, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 122, 192) }
```

Border

The CSS property to change the border of an element to XYZ 38.2122, 28.9313, 53.4395 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(192, 122, 192) }
```


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

```
.border{ border-color:rgb(192, 122, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 122, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 122, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 122, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 122,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2122, 28.9313, 53.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 122, 192) }
```

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

```
.background{ background-color: rgb(192,  
122, 192) }
```

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