

Converting Colors

XYZ(30.9644, 25.5195, 41.7532)

Have a look what the booklet for
XYZ(30.9644, 25.5195, 41.7532)
contains.

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Color

**XYZ(30.8878, 25.4054,
41.8038)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7AAB
RGB	170, 122, 171
RGB Percent	67%, 48%, 67%
CMY	0.3333, 0.5216, 0.3294
CMYK	0.01, 0.29, 0.00, 0.33
HSL	299°, 23%, 57%
HSV	299°, 29%, 67%
XYZ	30.8878, 25.4054, 41.8038
YIQ	141.9380, 12.8790, 25.4150

Conversions

Conversions Part 2

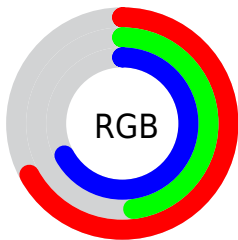
Format	Color
RYB	170, 122, 171
Decimal	11172523
CIELab	57.47, 27.08, -18.69
CIELCh	57, 32.908, 325.389
Yxy	25.4054, 0.3149, 0.2590
Android (android.graphics.Color)	4289362603 (0xFFAA7AAB)
YUV	141.9380, 14.3276, 24.6104
Hunter-Lab	50.4038, 21.1795, -13.8912

Details

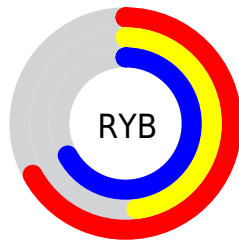
The XYZ color **30.8878, 25.4054, 41.8038** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.2450, 34.7425, 23.7363**, and the grayscale version is **25.6289, 26.9636, 29.3634**.

A 20% lighter version of the original color is **60.4215, 52.3197, 78.8657**, and **12.9833, 9.7485, 18.6501** is the 20% darker color. If you saturate the color by 10%, you get **28.8951, 21.5312, 41.1614**, and if you desaturate by 10%, it is **33.2518, 30.0208, 42.5704**.

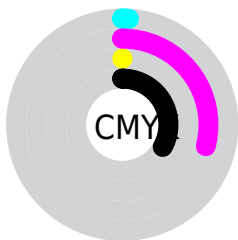
Distribution



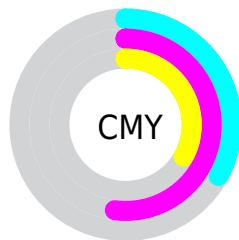
- Red (67%)
- Green (48%)
- Blue (67%)



- Red (67%)
- Yellow (48%)
- Blue (67%)



- Cyan (1%)
- Magenta (29%)
- Yellow (0%)
- Black (33%)



- Cyan (33%)
- Magenta (52%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8878, 25.4054, 41.8038 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 30.8878, 25.4054, 41.8038 by changing the saturation by 10% instead.

■ 30.8878, 25.4054,
41.8038

■ 30.8878, 25.4054,
41.8038

297.8572,
279.8509, 369.4446

■ 20.6648, 16.3794,
28.6233

■ 60.4404, 52.3141,
79.1695

■ 12.9903, 9.7930,
18.5529

■ 80.5008, 70.9656,
104.1917

■ 7.4988, 5.2619,
11.1741

■ 104.5710, 93.5944,
133.9983

■ 3.8250, 2.4017,
6.0684

133.0164,
120.5848, 169.0077

■ 1.6036, 0.8268,
2.8173

166.2024,
152.3212, 209.6385

■ 0.3948, 0.0000,
1.0021

204.4943,

■ 0.0000, 0.0000,

189.1881, 256.3092

0.0000

248.2574,
231.5699, 309.4384

■ 30.8878, 25.4054,
41.8038

■ 30.8878, 25.4054,
41.8038

■ 28.8951, 21.5312,
41.1614

■ 33.2518, 30.0208,
42.5704

■ 27.2518, 18.3562,
40.6352

■ 36.0025, 35.4099,
43.4657

■ 25.9377, 15.8392,
40.2186

■ 39.1577, 41.6075,
44.4956

■ 24.9293, 13.9334,
39.9039

■ 42.7329, 48.6450,
45.6656

■ 24.2003, 12.5859,
39.6822

■ 46.7433, 56.5525,
46.9805

■ 23.7195, 11.7346,
39.5433

■ 51.2030, 65.3583,
48.4451

■ 23.4306, 11.2669,
39.4682

■ 56.1256, 75.0895,
50.0640

■ 23.3957, 11.2118,
39.4594

■ 60.2983, 83.3208,
51.4329

■ 60.3754, 83.3605,
51.4365

Harmonies

Analogous

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



27.5207, 25.4054, 52.0683



30.8878, 25.4054, 41.8038



32.4547, 25.4054, 29.4317

Triad

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



30.8878, 25.4054, 41.8038



24.7573, 25.4054, 11.2570



17.9647, 25.4054, 37.9740

Complementary

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



30.8878, 25.4054, 41.8038



26.2450, 34.7425, 23.7363

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.



17.3939, 25.4054, 25.9650



30.8878, 25.4054, 41.8038



21.0610, 25.4054, 12.3987

Square

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



30.8878, 25.4054, 41.8038



28.6803, 25.4054, 13.4417



18.4661, 25.4054, 17.1346



20.1186, 25.4054, 49.4707

Rectangle

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



30.8878, 25.4054, 41.8038



32.1566, 25.4054, 22.3262



18.4661, 25.4054, 17.1346



17.5920, 25.4054, 33.7870

Sweetspot

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



30.8886, 25.4065, 41.8043



64.2117, 62.8940, 77.7573



22.5396, 21.4027, 41.4716



14.1549, 13.7028, 17.2865



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.



30.8886, 25.4065, 41.8043



53.1182, 41.2180, 74.1581



29.1108, 24.7204, 31.3105



8.3207, 8.1396, 10.0853



17.6425, 8.4549, 29.7466



0.4958, 0.2378, 0.8277

Inverse Universe

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



27.3301, 24.0082, 21.9335



45.7643, 38.3306, 32.9867



27.6904, 35.3042, 32.0901



8.0116, 8.0179, 8.3720



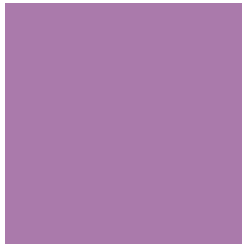
12.6775, 6.5335, 0.6810



0.3548, 0.1826, 0.0300

Previews

White Background



This preview shows how the XYZ color 30.8878, 25.4054, 41.8038 looks on a white background.

Color Contrast Check

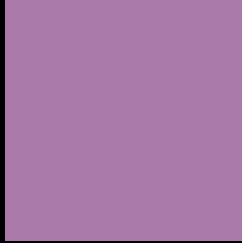
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8878, 25.4054, 41.8038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

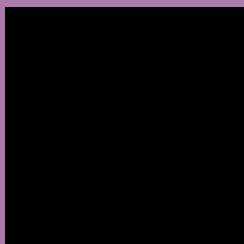
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8878, 25.4054, 41.8038

Background



This preview shows how black text looks on a background with the XYZ color 30.8878, 25.4054, 41.8038.



This preview shows how white text looks on a background with the XYZ color 30.8878, 25.4054,

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

30.8878, 25.4054, 41.8038

Protanopia

25.9933, 25.7043, 47.8474

Deuteranopia

26.0484, 25.4735, 40.5898



Tritanopia

28.0325, 25.3803, 27.4662

Trichromacy



Original Color

30.8878, 25.4054, 41.8038

Protanomaly

27.4425, 25.4677, 45.5889

Deuteranomaly

27.5385, 25.2194, 40.9525

Tritanomaly

28.9022, 25.3392, 32.2218

Monochromacy



Original Color

30.8878, 25.4054, 41.8038

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.3626, 26.3033, 33.7719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8878, 25.4054, 41.8038 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(170, 122, 171)` looks like.

```
.text, #text, p{  
    color:rgb(170, 122, 171)  
}
```

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(170, 122, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 122, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.8878, 25.4054, 41.8038 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(170, 122, 171) }
```


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

```
.border{ border-color:rgb(170, 122, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 122, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 122, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 122, 171);  
box-shadow:4px 4px 4px 4px rgb(170, 122,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8878, 25.4054, 41.8038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 122, 171) }
```

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

```
.background{ background-color: rgb(170,  
122, 171) }
```

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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