

Converting Colors

XYZ(30.7968, 26.0086, 40.6984)

Have a look what the booklet for
XYZ(30.7968, 26.0086, 40.6984)
contains.

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Color

**XYZ(30.8572, 25.9668,
40.9219)**

Conversions

Conversions Part 1

Format	Color
Hex	A97DA9
RGB	169, 125, 169
RGB Percent	66%, 49%, 66%
CMY	0.3373, 0.5098, 0.3373
CMYK	0.00, 0.26, 0.00, 0.34
HSL	300°, 20%, 58%
HSV	300°, 26%, 66%
XYZ	30.8572, 25.9668, 40.9219
YIQ	143.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

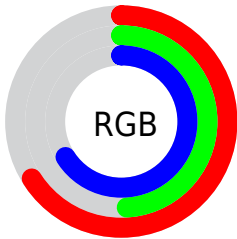
Format	Color
RYB	169, 125, 169
Decimal	11107753
CIELab	58.01, 24.66, -16.74
CIELCh	58, 29.799, 325.831
Yxy	25.9668, 0.3157, 0.2657
Android (android.graphics.Color)	4289297833 (0xFFA97DA9)
YUV	143.1720, 12.7332, 22.6512
Hunter-Lab	50.9576, 18.9141, -11.9429

Details

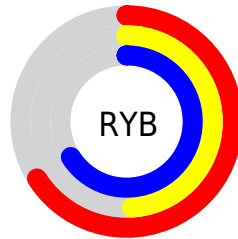
The XYZ color **30.8572, 25.9668, 40.9219** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.3481, 34.2173, 24.6193**, and the grayscale version is **26.1251, 27.4856, 29.9319**.

A 20% lighter version of the original color is **60.4263, 53.2302, 77.6106**, and **12.9294, 10.0295, 18.0841** is the 20% darker color. If you saturate the color by 10%, you get **28.8974, 22.0468, 40.2689**, and if you desaturate by 10%, it is **33.1826, 30.6172, 41.6973**.

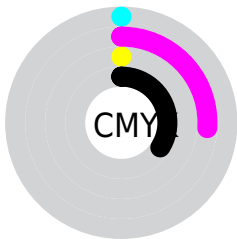
Distribution



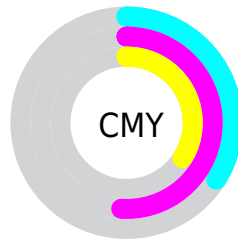
- Red (66%)
- Green (49%)
- Blue (66%)



- Red (66%)
- Yellow (49%)
- Blue (66%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8572, 25.9668, 40.9219 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 30.8572, 25.9668, 40.9219 by changing the saturation by 10% instead.

■ 30.8572, 25.9668,
40.9219

■ 30.8572, 25.9668,
40.9219

297.7185,
282.6191, 365.6611

■ 20.6414, 16.7988,
27.9388

■ 60.3925, 53.2214,
77.8177

■ 12.9731, 10.0911,
18.0409

■ 80.4428, 72.0768,
102.5675

■ 7.4869, 5.4594,
10.8096

■ 104.5020, 94.9300,
132.0766

■ 3.8174, 2.5193,
5.8264

132.9354,
122.1657, 166.7636

■ 1.5994, 0.8863,
2.6727

166.1084,
154.1680, 207.0470

■ 0.3920, 0.0000,
0.9297

204.3864,

■ 0.0000, 0.0000,

191.3214, 253.3454

0.0000

248.1346,
234.0103, 306.0772

■ 30.8572, 25.9668,
40.9219

■ 30.8572, 25.9668,
40.9219

■ 28.8974, 22.0468,
40.2689

■ 33.1826, 30.6172,
41.6973

■ 27.2824, 18.8168,
39.7306

■ 35.8884, 36.0287,
42.5993

■ 25.9930, 16.2379,
39.3007

■ 38.9913, 42.2345,
43.6336

■ 25.0070, 14.2660,
38.9721

■ 42.5065, 49.2649,
44.8054

■ 24.2998, 12.8515,
38.7363

■ 46.4483, 57.1485,
46.1193

■ 23.8424, 11.9367,
38.5838

■ 50.8304, 65.9127,
47.5800

■ 23.5966, 11.4452,
38.5019

■ 55.6657, 75.5833,
49.1918

■ 23.5239, 11.2997,
38.4776

■ 59.2839, 82.8197,
50.3979

■ 59.2839, 82.8197,
50.3979

Harmonies

Analogous

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



27.8188, 25.9668, 50.1137



30.8572, 25.9668, 40.9219



32.2418, 25.9668, 29.7380

Triad

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



30.8572, 25.9668, 40.9219



25.1869, 25.9668, 12.7613



18.9638, 25.9668, 37.8127

Complementary

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



30.8572, 25.9668, 40.9219



26.3481, 34.2173, 24.6193

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.



18.4050, 25.9668, 26.8577



30.8572, 25.9668, 40.9219



21.7879, 25.9668, 13.9290

Square

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



30.8572, 25.9668, 40.9219



28.7727, 25.9668, 14.8467



19.3888, 25.9668, 18.5435



20.9962, 25.9668, 48.0341

Rectangle

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



30.8572, 25.9668, 40.9219



31.9510, 25.9668, 23.2064



19.3888, 25.9668, 18.5435



18.6064, 25.9668, 34.0290

Sweetspot

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



30.8580, 25.9679, 40.9225



63.1928, 62.3636, 75.9318



22.9536, 21.8931, 40.5526



13.6144, 13.2749, 16.4969



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.8580, 25.9679, 40.9225



53.2472, 42.4723, 72.6165



28.9631, 25.2100, 30.9442



7.8419, 7.6666, 9.4848



17.5320, 8.4215, 28.6768



0.4266, 0.2049, 0.6977

Inverse Universe

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



30.8580, 25.9679, 40.9225



53.2472, 42.4723, 72.6165



27.9128, 34.8432, 32.8590



7.8419, 7.6666, 9.4848



17.5320, 8.4215, 28.6768



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 30.8572, 25.9668, 40.9219 looks on a white background.

Color Contrast Check

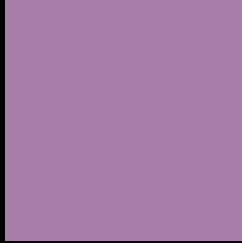
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8572, 25.9668, 40.9219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

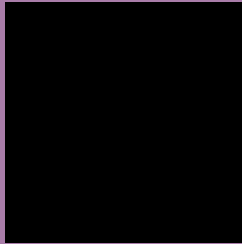
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8572, 25.9668, 40.9219

Background



This preview shows how black text looks on a background with the XYZ color 30.8572, 25.9668, 40.9219.



This preview shows how white text looks on a background with the XYZ color 30.8572, 25.9668,

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

30.8572, 25.9668, 40.9219

Protanopia

26.1776, 26.0584, 45.7696

Deuteranopia

26.5944, 25.9738, 40.1710



Tritanopia

28.2333, 25.8580, 28.3140

Trichromacy



Original Color

30.8572, 25.9668, 40.9219

Protanomaly

27.6270, 25.7995, 44.0811

Deuteranomaly

28.0816, 25.9090, 40.5667

Tritanomaly

29.0310, 25.7797, 32.7240

Monochromacy



Original Color

30.8572, 25.9668, 40.9219

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.4206, 26.5507, 33.3853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8572, 25.9668, 40.9219 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(169, 125, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 125, 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(169, 125, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 125, 169) }
```

Border

The CSS property to change the border of an element to XYZ 30.8572, 25.9668, 40.9219 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(169, 125, 169) }
```


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

```
.border{ border-color:rgb(169, 125, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 125, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 125, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 125, 169);  
box-shadow:4px 4px 4px 4px rgb(169, 125,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8572, 25.9668, 40.9219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 125, 169) }
```

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

```
.background{ background-color: rgb(169,  
125, 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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