

Converting Colors

XYZ(28.8474, 25.8954, 33.8997)

Have a look what the booklet for
XYZ(28.8474, 25.8954, 33.8997)
contains.

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Color

**XYZ(28.7872, 25.8201,
34.0384)**

Conversions

Conversions Part 1

Format	Color
Hex	A3819A
RGB	163, 129, 154
RGB Percent	64%, 51%, 60%
CMY	0.3608, 0.4941, 0.3961
CMYK	0.00, 0.21, 0.06, 0.36
HSL	316°, 16%, 57%
HSV	316°, 21%, 64%
XYZ	28.7872, 25.8201, 34.0384
YIQ	142.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

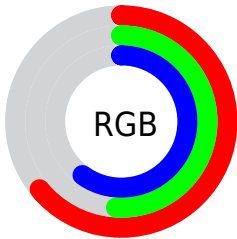
Format	Color
R _Y B	163, 129, 154
Decimal	10715546
CIE Lab	57.87, 17.39, -8.38
CIE LCh	58, 19.309, 334.270
Yxy	25.8201, 0.3247, 0.2913
Android (android.graphics.Color)	4288905626 (0xFFA3819A)
YUV	142.0160, 5.9081, 18.4030
Hunter-Lab	50.8135, 12.2014, -4.1471

Details

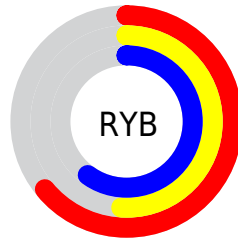
The XYZ color **28.7872, 25.8201, 34.0384** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.7389, 32.6971, 28.9480**, and the grayscale version is **25.6921, 27.0300, 29.4357**.

A 20% lighter version of the original color is **57.0266, 52.9154, 66.8826**, and **11.7997, 9.9507, 14.1307** is the 20% darker color. If you saturate the color by 10%, you get **26.4563, 21.7228, 31.5202**, and if you desaturate by 10%, it is **31.4751, 30.6099, 36.7399**.

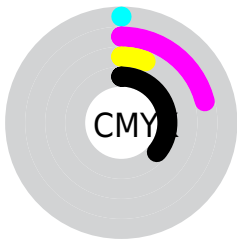
Distribution



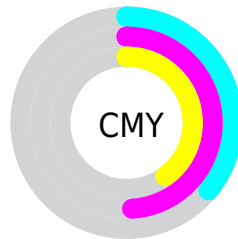
- Red (64%)
- Green (51%)
- Blue (60%)



- Red (64%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7872, 25.8201, 34.0384 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 28.7872, 25.8201, 34.0384 by changing the saturation by 10% instead.

■ 28.7872, 25.8201,
34.0384

■ 28.7872, 25.8201,
34.0384

288.2219,
281.8978, 335.0776

■ 19.0634, 16.6891,
22.6455

■ 57.1387, 52.9846,
67.1280

■ 11.8204, 10.0131,
14.1291

■ 76.4971, 71.7869,
89.6617

■ 6.6928, 5.4076,
8.0708

■ 99.7978, 94.5817,
116.7461

■ 3.3153, 2.4884,
4.0518

127.4060,
121.7534, 148.7998

■ 1.3226, 0.8708,
1.6538

159.6872,
153.6866, 186.2412

■ 0.2001, 0.0000,
0.3288

197.0066,

■ 0.0000, 0.0000,

190.7654, 229.4890

0.0000

239.7298,
233.3744, 278.9616

■ 28.7872, 25.8201,
34.0384

■ 28.7872, 25.8201,
34.0384

■ 26.4563, 21.7228,
31.5202

■ 31.4751, 30.6099,
36.7399

■ 24.4637, 18.2820,
29.1776

■ 34.5329, 36.1191,
39.6288

■ 22.7925, 15.4639,
27.0046

■ 37.9757, 42.3772,
42.7111

■ 21.4235, 13.2300,
24.9941

■ 41.8172, 49.4113,
45.9920

■ 20.3352, 11.5377,
23.1381

■ 46.0702, 57.2470,
49.4763

■ 19.5033, 10.3387,
21.4280

■ 50.7471, 65.9086,
53.1688

■ 18.8990, 9.5756,
19.8533

■ 55.8595, 75.4196,
57.0740

■ 18.4855, 9.1390,
18.5115

■ 59.9978, 82.9600,
60.7226

■ 60.4717, 83.1495,
63.2185

Harmonies

Analogous

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



27.1422, 25.8201, 40.0602



28.7872, 25.8201, 34.0384



29.2685, 25.8201, 27.1723

Triad

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



28.7872, 25.8201, 34.0384



24.2103, 25.8201, 17.1928



21.0333, 25.8201, 35.9463

Complementary

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



28.7872, 25.8201, 34.0384



26.7389, 32.6971, 28.9480

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.



20.3526, 25.8201, 29.0766



28.7872, 25.8201, 34.0384



22.1119, 25.8201, 18.8152

Square

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



28.7872, 25.8201, 34.0384



26.5311, 25.8201, 18.0960



20.7347, 25.8201, 22.9198



22.6535, 25.8201, 41.2780

Rectangle

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



28.7872, 25.8201, 34.0384



28.8407, 25.8201, 23.1784



20.7347, 25.8201, 22.9198



20.6918, 25.8201, 33.7041

Sweetspot

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



28.7880, 25.8212, 34.0389



58.8834, 59.3377, 68.2105



24.8609, 23.7069, 37.9162



13.1504, 13.1927, 15.2491



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.7880, 25.8212, 34.0389



49.5555, 42.7119, 58.8427



27.5067, 25.3087, 27.2919



7.2839, 7.1700, 8.4814



14.3860, 7.1104, 14.4890



0.3201, 0.1565, 0.3983

Inverse Universe

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



28.7880, 25.8212, 34.0389



49.5555, 42.7119, 58.8427



28.0258, 33.2119, 35.7247



7.2839, 7.1700, 8.4814



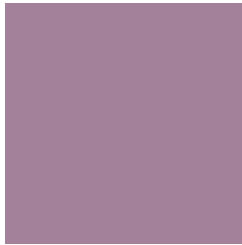
14.3860, 7.1104, 14.4890



0.3201, 0.1565, 0.3983

Previews

White Background



This preview shows how the XYZ color 28.7872, 25.8201, 34.0384 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 28.7872, 25.8201, 34.0384 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 28.7872, 25.8201, 34.0384

Background



This preview shows how black text looks on a background with the XYZ color 28.7872, 25.8201, 34.0384.



This preview shows how white text looks on a background with the XYZ color 28.7872, 25.8201,

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

28.7872, 25.8201, 34.0384

Protanopia

25.5870, 25.9493, 36.9178

Deuteranopia

26.4464, 25.8309, 33.7290



Tritanopia

27.6220, 25.7328, 28.7104

Trichromacy



Original Color

28.7872, 25.8201, 34.0384

Protanomaly

26.6896, 25.9076, 35.9417

Deuteranomaly

27.2742, 25.8473, 33.6885

Tritanomaly

28.0712, 25.7220, 30.6795

Monochromacy



Original Color

28.7872, 25.8201, 34.0384

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.7116, 26.4507, 30.8918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7872, 25.8201, 34.0384 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(163, 129, 154)` looks like.

```
.text, #text, p{  
    color:rgb(163, 129, 154)  
}
```

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(163, 129, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 129, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.7872, 25.8201, 34.0384 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(163, 129, 154) }
```


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

```
.border{ border-color:rgb(163, 129, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 129, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 129, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 129, 154);  
box-shadow:4px 4px 4px 4px rgb(163, 129,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7872, 25.8201, 34.0384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 129, 154) }
```

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

```
.background{ background-color: rgb(163,  
129, 154) }
```

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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