

Converting Colors

XYZ(32.6051, 28.3047, 40.0065)

Have a look what the booklet for
XYZ(32.6051, 28.3047, 40.0065)
contains.

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Color

**XYZ(32.5898, 28.2544,
39.8124)**

Conversions

Conversions Part 1

Format	Color
Hex	AE84A6
RGB	174, 132, 166
RGB Percent	68%, 52%, 65%
CMY	0.3176, 0.4823, 0.3490
CMYK	0.00, 0.24, 0.05, 0.32
HSL	311°, 21%, 60%
HSV	311°, 24%, 68%
XYZ	32.5898, 28.2544, 39.8124
YIQ	148.4340, 14.1180, 19.4780

Conversions

Conversions Part 2

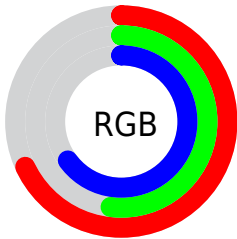
Format	Color
RYB	174, 132, 166
Decimal	11437222
CIELab	60.12, 21.87, -11.78
CIELCh	60, 24.835, 331.691
Yxy	28.2544, 0.3238, 0.2807
Android (android.graphics.Color)	4289627302 (0xFFAE84A6)
YUV	148.4340, 8.6600, 22.4214
Hunter-Lab	53.1549, 16.4192, -7.1991

Details

The XYZ color **32.5898, 28.2544, 39.8124** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.3866, 37.0720, 30.4194**, and the grayscale version is **28.2911, 29.7644, 32.4135**.

A 20% lighter version of the original color is **63.0332, 56.7414, 76.0366**, and **13.9397, 11.3144, 17.3688** is the 20% darker color. If you saturate the color by 10%, you get **30.1243, 23.8033, 37.5099**, and if you desaturate by 10%, it is **35.4584, 33.4983, 42.2886**.

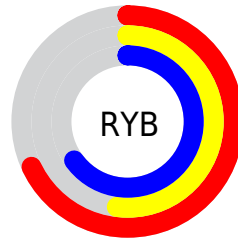
Distribution



Red (68%)

Green (52%)

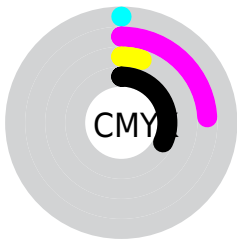
Blue (65%)



Red (68%)

Yellow (52%)

Blue (65%)

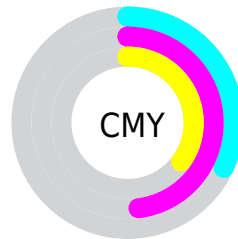


Cyan (0%)

Magenta (24%)

Yellow (5%)

Black (32%)



Cyan (32%)


Magenta (48%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5898, 28.2544, 39.8124 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 32.5898, 28.2544, 39.8124 by changing the saturation by 10% instead.


 32.5898, 28.2544,
39.8124

 32.5898, 28.2544,
39.8124


305.4951,
293.6805, 360.8608


 21.9701, 18.5175,
27.0796


 63.0935, 56.8903,
76.1117

 13.9514, 11.3222,
17.4001


 83.7083, 76.5582,
100.5153

 8.1684, 6.2840,
10.3552


 108.3855,
100.3052, 129.6463

 4.2556, 3.0185,
5.5264

137.4905,
128.5157, 163.9233

 1.8477, 1.1414,
2.4952

171.3885,
161.5740, 203.7646

 0.5462, 0.0131,
0.8376

210.4451,

 0.0000, 0.0000,

199.8647, 249.5890

0.0000

255.0255,
243.7721, 301.8148

■ 32.5898, 28.2544,
39.8124

■ 32.5898, 28.2544,
39.8124

■ 30.1243, 23.8033,
37.5099

■ 35.4584, 33.4983,
42.2886

■ 28.0397, 20.1020,
35.3725

■ 38.7458, 39.5674,
44.9430

■ 26.3157, 17.1097,
33.3933

■ 42.4698, 46.4972,
47.7821

■ 24.9290, 14.7795,
31.5644

■ 46.6466, 54.3197,
50.8117

■ 23.8534, 13.0595,
29.8767

■ 51.2915, 63.0655,
54.0372

■ 23.0588, 11.8895,
28.3198

■ 56.4190, 72.7635,
57.4635

■ 22.5092, 11.1974,
26.8816

■ 62.0431, 83.4416,
61.0958

■ 22.2527, 10.9176,
26.0771

■ 62.7878, 84.3476,
63.1421

■ 63.1606, 84.4967,
65.1053

Harmonies

Analogous

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



30.1878, 28.2544, 48.1470



32.5898, 28.2544, 39.8124



33.4236, 28.2544, 30.2517

Triad

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



32.5898, 28.2544, 39.8124



26.6754, 28.2544, 16.4004



21.9929, 28.2544, 40.8819

Complementary

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



32.5898, 28.2544, 39.8124



29.3866, 37.0720, 30.4194

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.



21.2088, 28.2544, 31.2825



32.5898, 28.2544, 39.8124



23.7769, 28.2544, 18.1675

Square

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



32.5898, 28.2544, 39.8124



29.8521, 28.2544, 17.8072



21.8357, 28.2544, 23.2027



24.0655, 28.2544, 48.8450

Rectangle

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



32.5898, 28.2544, 39.8124



32.9295, 28.2544, 24.7500



21.8357, 28.2544, 23.2027



21.5776, 28.2544, 37.6815

Sweetspot

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



32.5906, 28.2556, 39.8130



68.4170, 68.3205, 80.0480



26.6572, 25.1094, 43.4866



15.1279, 15.0399, 17.7288



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.5906, 28.2556, 39.8130



56.6215, 46.7357, 69.9315



30.8419, 27.5561, 30.6041



8.2707, 8.1215, 9.7361



16.1605, 7.9267, 19.0225



0.4662, 0.2272, 0.6167

Inverse Universe

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



32.5906, 28.2556, 39.8130



56.6215, 46.7357, 69.9315



31.0594, 37.7411, 39.2284



8.2707, 8.1215, 9.7361



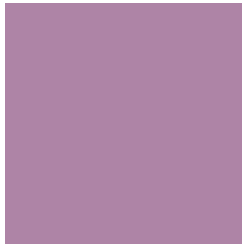
16.1605, 7.9267, 19.0225



0.4662, 0.2272, 0.6167

Previews

White Background



This preview shows how the XYZ color 32.5898, 28.2544, 39.8124 looks on a white background.

Color Contrast Check

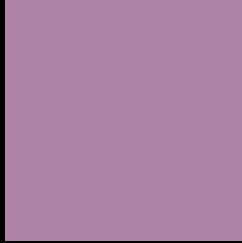
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5898, 28.2544, 39.8124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

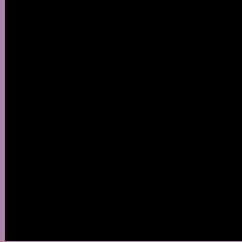
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5898, 28.2544, 39.8124

Background



This preview shows how black text looks on a background with the XYZ color 32.5898, 28.2544, 39.8124.



This preview shows how white text looks on a background with the XYZ color 32.5898, 28.2544,

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

32.5898, 28.2544, 39.8124

Protanopia

28.2607, 28.4915, 44.0543

Deuteranopia

28.8034, 28.2141, 39.0497



Tritanopia

30.7871, 28.3416, 31.0419

Trichromacy



Original Color

32.5898, 28.2544, 39.8124

Protanomaly

29.6777, 28.3718, 42.4402

Deuteranomaly

30.1781, 28.2645, 39.4623

Tritanomaly

31.4270, 28.3985, 33.9621

Monochromacy



Original Color

32.5898, 28.2544, 39.8124

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.4940, 28.8807, 35.0304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5898, 28.2544, 39.8124 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(174, 132, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 166)  
}
```

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(174, 132, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 166) }
```

Border

The CSS property to change the border of an element to XYZ 32.5898, 28.2544, 39.8124 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(174, 132, 166) }
```


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

```
.border{ border-color:rgb(174, 132, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 132, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5898, 28.2544, 39.8124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 166) }
```

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

```
.background{ background-color: rgb(174,  
132, 166) }
```

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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