

Converting Colors

XYZ(32.5642, 28.5042, 39.6764)

Have a look what the booklet for
XYZ(32.5642, 28.5042, 39.6764)
contains.

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Color

**XYZ(32.5040, 28.4125,
39.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	AD85A6
RGB	173, 133, 166
RGB Percent	68%, 52%, 65%
CMY	0.3216, 0.4784, 0.3490
CMYK	0.00, 0.23, 0.04, 0.32
HSL	311°, 20%, 60%
HSV	311°, 23%, 68%
XYZ	32.5040, 28.4125, 39.8474
YIQ	148.7220, 13.2470, 18.7430

Conversions

Conversions Part 2

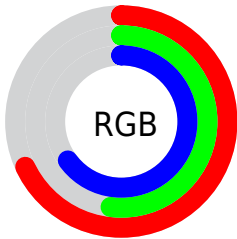
Format	Color
RYB	173, 133, 166
Decimal	11371942
CIELab	60.26, 20.95, -11.58
CIElCh	60, 23.932, 331.075
Yxy	28.4125, 0.3226, 0.2820
Android (android.graphics.Color)	4289562022 (0xFFAD85A6)
YUV	148.7220, 8.5181, 21.2918
Hunter-Lab	53.3034, 15.5671, -7.0104

Details

The XYZ color **32.5040, 28.4125, 39.8474** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.3512, 36.7679, 30.3625**, and the grayscale version is **28.4125, 29.8922, 32.5526**.

A 20% lighter version of the original color is **62.9231, 56.9963, 76.0916**, and **13.8762, 11.3945, 17.3876** is the 20% darker color. If you saturate the color by 10%, you get **30.0535, 23.9504, 37.6766**, and if you desaturate by 10%, it is **35.3528, 33.6599, 42.1839**.

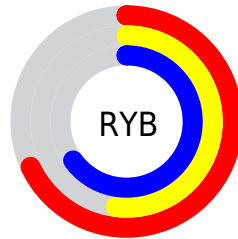
Distribution



Red (68%)

Green (52%)

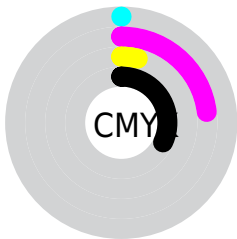
Blue (65%)



Red (68%)

Yellow (52%)

Blue (65%)

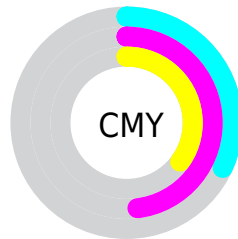


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (32%)



Cyan (32%)


Magenta (48%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5040, 28.4125, 39.8474 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 32.5040, 28.4125, 39.8474 by changing the saturation by 10% instead.


 32.5040, 28.4125,
39.8474


 32.5040, 28.4125,
39.8474


305.1134,
294.4328, 361.0129


 21.9042, 18.6368,
27.1067


 62.9602, 57.1423,
76.1656

 13.9027, 11.4082,
17.4202


 83.5474, 76.8653,
100.5802

 8.1343, 6.3421,
10.3694


 108.1943,
100.6729, 129.7232

 4.2335, 3.0542,
5.5358

137.2664,
128.9494, 164.0132

 1.8351, 1.1601,
2.5008

171.1290,
162.0792, 203.8685

 0.5387, 0.0287,
0.8406

210.1475,

 0.0000, 0.0000,

200.4468, 249.7079

0.0000

254.6872,
244.4365, 301.9499

■ 32.5040, 28.4125,
39.8474

■ 32.5040, 28.4125,
39.8474

■ 30.0535, 23.9504,
37.6766

■ 35.3528, 33.6599,
42.1839

■ 27.9797, 20.2317,
35.6631

■ 38.6152, 39.7245,
44.6904

■ 26.2627, 17.2162,
33.8003

■ 42.3088, 46.6407,
47.3733

■ 24.8797, 14.8585,
32.0805

■ 46.4494, 54.4403,
50.2382

■ 23.8053, 13.1078,
30.4949

■ 51.0519, 63.1530,
53.2901

■ 23.0103, 11.9060,
29.0337

■ 56.1307, 72.8074,
56.5341

■ 22.4600, 11.1833,
27.6849

■ 61.6993, 83.4307,
59.9749

■ 22.1707, 10.8591,
26.8044

■ 62.3123, 84.1318,
61.7976

■ 62.6473, 84.2657,
63.5616

Harmonies

Analogous

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



30.1657, 28.4125, 47.7781



32.5040, 28.4125, 39.8474



33.3425, 28.4125, 30.6205

Triad

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



32.5040, 28.4125, 39.8474



26.8947, 28.4125, 16.9335



22.2616, 28.4125, 40.5009

Complementary

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



32.5040, 28.4125, 39.8474



29.3512, 36.7679, 30.3625

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.



21.5266, 28.4125, 31.2544



32.5040, 28.4125, 39.8474



24.0736, 28.4125, 18.6060

Square

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



32.5040, 28.4125, 39.8474



29.9598, 28.4125, 18.3811



22.1645, 28.4125, 23.4640



24.2516, 28.4125, 48.2029

Rectangle

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



32.5040, 28.4125, 39.8474



32.8917, 28.4125, 25.2507



22.1645, 28.4125, 23.4640



21.8666, 28.4125, 37.4173

Sweetspot

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



32.5049, 28.4138, 39.8480



66.7276, 66.6164, 78.2035



26.6908, 25.3402, 43.0199



14.4290, 14.3425, 16.9400



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.



32.5049, 28.4138, 39.8480



55.7705, 46.4246, 69.2412



30.8364, 27.7464, 31.0619



8.2760, 8.1237, 9.7643



16.3063, 7.9851, 19.7903



0.4692, 0.2284, 0.6325

Inverse Universe

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



32.5049, 28.4138, 39.8480



55.7705, 46.4246, 69.2412



30.9334, 37.4008, 38.6946



8.2760, 8.1237, 9.7643



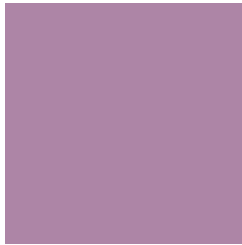
16.3063, 7.9851, 19.7903



0.4692, 0.2284, 0.6325

Previews

White Background



This preview shows how the XYZ color 32.5040, 28.4125, 39.8474 looks on a white background.

Color Contrast Check

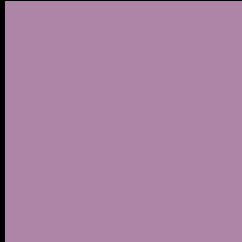
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5040, 28.4125, 39.8474 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 32.5040, 28.4125, 39.8474

Background



This preview shows how black text looks on a background with the XYZ color 32.5040, 28.4125, 39.8474.



This preview shows how white text looks on a background with the XYZ color 32.5040, 28.4125,

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

32.5040, 28.4125, 39.8474

Protanopia

28.1635, 28.4526, 43.5427

Deuteranopia

29.1363, 28.6056, 39.1078



Tritanopia

30.6482, 28.2610, 31.4433

Trichromacy



Original Color

32.5040, 28.4125, 39.8474

Protanomaly

29.3963, 28.2378, 41.9313

Deuteranomaly

30.3222, 28.5528, 39.5104

Tritanomaly

31.2913, 28.3190, 34.3887

Monochromacy



Original Color

32.5040, 28.4125, 39.8474

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.8394, 29.2806, 35.0894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5040, 28.4125, 39.8474 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(173, 133, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 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(173, 133, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 166) }
```

Border

The CSS property to change the border of an element to XYZ 32.5040, 28.4125, 39.8474 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(173, 133, 166) }
```


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

```
.border{ border-color:rgb(173, 133, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 133, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5040, 28.4125, 39.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 166) }
```

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

```
.background{ background-color: rgb(173,  
133, 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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