

Converting Colors

XYZ(32.4210, 28.3020, 39.2175)

Have a look what the booklet for
XYZ(32.4210, 28.3020, 39.2175)
contains.

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Color

**XYZ(32.4126, 28.3759,
39.3661)**

Conversions

Conversions Part 1

Format	Color
Hex	AD85A5
RGB	173, 133, 165
RGB Percent	68%, 52%, 65%
CMY	0.3216, 0.4784, 0.3529
CMYK	0.00, 0.23, 0.05, 0.32
HSL	312°, 20%, 60%
HSV	312°, 23%, 68%
XYZ	32.4126, 28.3759, 39.3661
YIQ	148.6080, 13.5680, 18.4320

Conversions

Conversions Part 2

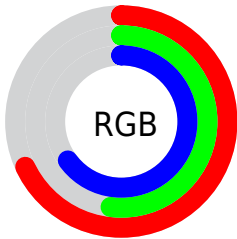
Format	Color
R _Y B	173, 133, 165
Decimal	11371941
CIE Lab	60.23, 20.76, -11.05
CIE LCh	60, 23.519, 331.968
Yxy	28.3759, 0.3236, 0.2833
Android (android.graphics.Color)	4289562021 (0xFFAD85A5)
YUV	148.6080, 8.0813, 21.3918
Hunter-Lab	53.2690, 15.3911, -6.5273

Details

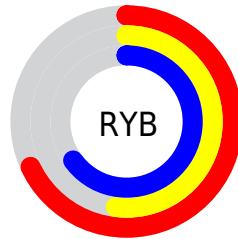
The XYZ color **32.4126, 28.3759, 39.3661** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.4252, 36.7975, 30.7526**, and the grayscale version is **28.3664, 29.8437, 32.4997**.

A 20% lighter version of the original color is **62.7903, 56.9431, 75.3919**, and **13.8196, 11.3718, 17.0894** is the 20% darker color. If you saturate the color by 10%, you get **29.9259, 23.8993, 37.0045**, and if you desaturate by 10%, it is **35.2996, 33.6386, 41.9038**.

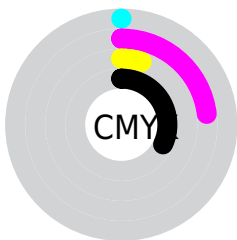
Distribution



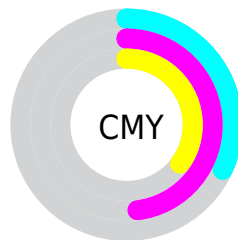
- Red (68%)
- Green (52%)
- Blue (65%)



- Red (68%)
- Yellow (52%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (32%)





- Cyan (32%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4126, 28.3759, 39.3661 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 32.4126, 28.3759, 39.3661 by changing the saturation by 10% instead.


 32.4126, 28.3759,
39.3661


 32.4126, 28.3759,
39.3661


304.7065,
294.2588, 358.9168


 21.8339, 18.6092,
26.7346


 62.8182, 57.0840,
75.4238

 13.8508, 11.3882,
17.1433


 83.3758, 76.7943,
99.6870

 8.0980, 6.3286,
10.1737


 107.9905,
100.5878, 128.6646

 4.2101, 3.0459,
5.4072

137.0275,
128.8490, 162.7751

 1.8216, 1.1557,
2.4252

170.8523,
161.9623, 202.4371

 0.5307, 0.0251,
0.8001

209.8301,

 0.0000, 0.0000,

200.3121, 248.0690

0.0000

254.3264,
244.2828, 300.0894

■ 32.4126, 28.3759,
39.3661

■ 32.4126, 28.3759,
39.3661

■ 29.9259, 23.8993,
37.0045

■ 35.2996, 33.6386,
41.9038

■ 27.8178, 20.1669,
34.8105

■ 38.6023, 39.7192,
44.6222

■ 26.0684, 17.1385,
32.7775

■ 42.3381, 46.6524,
47.5276

■ 24.6550, 14.7686,
30.8975

■ 46.5230, 54.4697,
50.6257

■ 23.5521, 13.0065,
29.1617

■ 51.1718, 63.2009,
53.9218

■ 22.7305, 11.7940,
27.5601

■ 56.2990, 72.8747,
57.4209

■ 22.1554, 11.0615,
26.0806

■ 61.9183, 83.5182,
61.1281

■ 21.8501, 10.7309,
25.1159

■ 62.5840, 84.2404,
63.2283

■ 62.9738, 84.3964,
65.2810

Harmonies

Analogous

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



30.1545, 28.3759, 47.2128



32.4126, 28.3759, 39.3661



33.1828, 28.3759, 30.3305

Triad

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



32.4126, 28.3759, 39.3661



26.7721, 28.3759, 17.1071



22.3493, 28.3759, 40.5369

Complementary

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



32.4126, 28.3759, 39.3661



29.4252, 36.7975, 30.7526

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.



21.5863, 28.3759, 31.4696



32.4126, 28.3759, 39.3661



24.0188, 28.3759, 18.8529

Square

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



32.4126, 28.3759, 39.3661



29.7850, 28.3759, 18.4462



22.1743, 28.3759, 23.7382



24.3390, 28.3759, 47.9724

Rectangle

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



32.4126, 28.3759, 39.3661



32.7062, 28.3759, 25.0976



22.1743, 28.3759, 23.7382



21.9478, 28.3759, 37.5262

Sweetspot

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



32.4134, 28.3772, 39.3667



66.6751, 66.5955, 77.9272



26.9161, 25.4564, 43.0305



14.4167, 14.3376, 16.8752



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.



32.4134, 28.3772, 39.3667



55.5715, 46.3450, 68.1934



30.7329, 27.7049, 30.5171



8.2674, 8.1202, 9.7188



16.0726, 7.8916, 18.5596



0.4644, 0.2264, 0.6070

Inverse Universe

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



32.4134, 28.3772, 39.3667



55.5715, 46.3450, 68.1934



31.0504, 37.4476, 39.3106



8.2674, 8.1202, 9.7188



16.0726, 7.8916, 18.5596



0.4644, 0.2264, 0.6070

Previews

White Background



This preview shows how the XYZ color 32.4126, 28.3759, 39.3661 looks on a white background.

Color Contrast Check

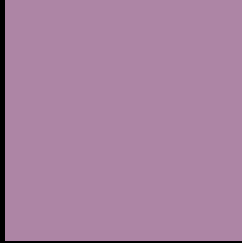
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4126, 28.3759, 39.3661 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 32.4126, 28.3759, 39.3661

Background



This preview shows how black text looks on a background with the XYZ color 32.4126, 28.3759, 39.3661.



This preview shows how white text looks on a background with the XYZ color 32.4126, 28.3759,

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

32.4126, 28.3759, 39.3661

Protanopia

28.2349, 28.5005, 43.0427

Deuteranopia

29.0464, 28.5697, 38.6339



Tritanopia

30.8652, 28.3728, 31.4535

Trichromacy



Original Color

32.4126, 28.3759, 39.3661

Protanomaly

29.4884, 28.2961, 41.4436

Deuteranomaly

30.2315, 28.5165, 39.0328

Tritanomaly

31.5100, 28.4317, 34.3990

Monochromacy



Original Color

32.4126, 28.3759, 39.3661

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 32.4126, 28.3759, 39.3661 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 165) }
```

Border

The CSS property to change the border of an element to XYZ 32.4126, 28.3759, 39.3661 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, 165) }
```


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

```
.border{ border-color:rgb(173, 133, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 165);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4126, 28.3759, 39.3661 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, 165) }
```

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

```
.background{ background-color: rgb(173,  
133, 165) }
```

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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