

Converting Colors

XYZ(32.1428, 28.0697, 46.9039)

Have a look what the booklet for
XYZ(32.1428, 28.0697, 46.9039)
contains.

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Color

**XYZ(32.1428, 28.0697,
46.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	A585B4
RGB	165, 133, 180
RGB Percent	65%, 52%, 71%
CMY	0.3529, 0.4784, 0.2941
CMYK	0.08, 0.26, 0.00, 0.29
HSL	281°, 24%, 61%
HSV	281°, 26%, 71%
XYZ	32.1428, 28.0697, 46.9039
YIQ	147.9260, 3.9850, 21.4010

Conversions

Conversions Part 2

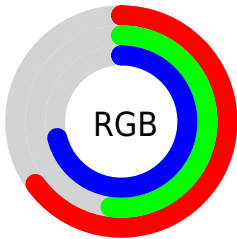
Format	Color
R_{YB}	165, 133, 180
Decimal	10847668
CIE _{Lab}	59.95, 20.97, -20.10
CIE _{LCh}	60, 29.048, 316.225
Yxy	28.0697, 0.3001, 0.2620
Android (android.graphics.Color)	4289037748 (0xFFA585B4)
YUV	147.9260, 15.8125, 14.9739
Hunter-Lab	52.9808, 15.5772, -15.4028

Details

The XYZ color **32.1428, 28.0697, 46.9039** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.7686, 40.6326, 28.3074**, and the grayscale version is **28.0533, 29.5142, 32.1410**.

A 20% lighter version of the original color is **62.2144, 56.3896, 86.9621**, and **13.7341, 11.2295, 21.5223** is the 20% darker color. If you saturate the color by 10%, you get **28.7185, 22.9548, 46.0975**, and if you desaturate by 10%, it is **36.0449, 34.0592, 47.8548**.

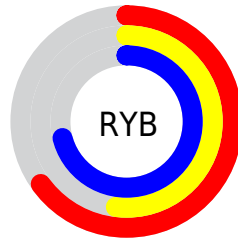
Distribution



Red (65%)

Green (52%)

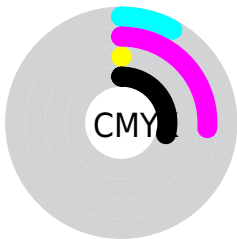
Blue (71%)



Red (65%)

Yellow (52%)

Blue (71%)

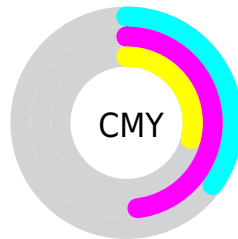


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (48%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1428, 28.0697, 46.9039 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 32.1428, 28.0697, 46.9039 by changing the saturation by 10% instead.

■ 32.1428, 28.0697,
46.9039

■ 32.1428, 28.0697,
46.9039

303.5030,
292.7998, 390.8135

■ 21.6267, 18.3782,
32.6059

■ 62.3986, 56.5957,
86.9186

■ 13.6979, 11.2219,
21.5561

■ 82.8689, 76.1990,
113.4724

■ 7.9911, 6.2163,
13.3359

■ 107.3881, 99.8750,
144.9486

■ 4.1410, 2.9770,
7.5268

136.3213,
128.0082, 181.7656

■ 1.7822, 1.1198,
3.7103

170.0341,
160.9828, 224.3421

■ 0.5069, 0.0000,
1.4678

208.8917,

■ 0.0000, 0.0000,

199.1834, 273.0965

0.1938

253.2596,
242.9943, 328.4475

■ 0.0000, 0.0000,
0.0000

■ 32.1428, 28.0697,
46.9039

■ 32.1428, 28.0697,
46.9039

■ 28.7185, 22.9548,
46.0975

■ 36.0449, 34.0592,
47.8548

■ 25.7470, 18.6676,
45.4266

■ 40.4427, 40.9602,
48.9550

■ 23.2052, 15.1620,
44.8840

■ 45.3566, 48.8115,
50.2115

■ 21.0663, 12.3859,
44.4608

■ 50.8049, 57.6488,
51.6301

■ 19.3007, 10.2808,
44.1476

■ 56.8048, 67.5060,
53.2165

■ 17.8738, 8.7788,
43.9329

■ 63.3731, 78.4150,
54.9759

■ 16.7408, 7.7914,
43.8020

■ 69.2346, 87.8251,
56.4833

■ 16.3428, 7.4733,
43.7616

■ 70.8508, 88.6583,
56.5590

■ 72.5259, 89.5219,
56.6374

Harmonies

Analogous

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



28.7133, 28.0697, 54.5465



32.1428, 28.0697, 46.9039



34.1883, 28.0697, 35.6663

Triad

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



32.1428, 28.0697, 46.9039



28.4064, 28.0697, 14.7596



20.4250, 28.0697, 36.6054

Complementary

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



32.1428, 28.0697, 46.9039



32.7686, 40.6326, 28.3074

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.



20.3593, 28.0697, 25.9715



32.1428, 28.0697, 46.9039



24.7439, 28.0697, 14.8985

Square

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



32.1428, 28.0697, 46.9039



31.9003, 28.0697, 18.1040



21.8731, 28.0697, 18.5411



22.0617, 28.0697, 47.7267

Rectangle

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



32.1428, 28.0697, 46.9039



34.3803, 28.0697, 28.4104



21.8731, 28.0697, 18.5411



20.2240, 28.0697, 32.8219

Sweetspot

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



32.1437, 28.0709, 46.9045



71.6393, 71.5947, 88.3380



28.6070, 29.6726, 47.4001



15.2202, 15.0588, 19.0267



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.1437, 28.0709, 46.9045



54.8114, 45.6778, 84.2224



34.6732, 29.4645, 42.9741



8.5810, 8.5081, 10.6963



11.4783, 5.2531, 30.5460



0.4186, 0.1949, 0.9638

Inverse Universe

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



32.5562, 28.6177, 31.8261



55.7931, 46.8968, 52.0573



30.7904, 39.5479, 31.1463



8.6044, 8.5485, 9.4153



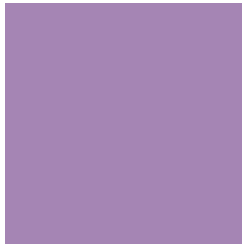
13.6877, 6.9926, 3.5153



0.4579, 0.2309, 0.2541

Previews

White Background



This preview shows how the XYZ color 32.1428, 28.0697, 46.9039 looks on a white background.

Color Contrast Check

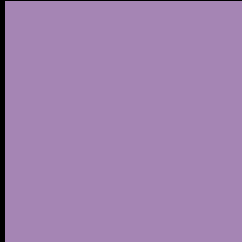
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1428, 28.0697, 46.9039 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 32.1428, 28.0697, 46.9039

Background



This preview shows how black text looks on a background with the XYZ color 32.1428, 28.0697, 46.9039.



This preview shows how white text looks on a background with the XYZ color 32.1428, 28.0697,

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

32.1428, 28.0697, 46.9039

Protanopia

28.4650, 28.2193, 50.9603

Deuteranopia

28.8642, 28.3111, 46.0628



Tritanopia

29.2348, 28.1408, 32.7450

Trichromacy



Original Color

32.1428, 28.0697, 46.9039

Protanomaly

29.5614, 27.9457, 49.1834

Deuteranomaly

29.9470, 28.2039, 46.5134

Tritanomaly

30.2790, 28.1459, 37.5550

Monochromacy



Original Color

32.1428, 28.0697, 46.9039

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.4941, 29.0530, 37.3110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1428, 28.0697, 46.9039 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(165, 133, 180)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 180)  
}
```

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(165, 133, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 180) }
```

Border

The CSS property to change the border of an element to XYZ 32.1428, 28.0697, 46.9039 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(165, 133, 180) }
```


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

```
.border{ border-color:rgb(165, 133, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 133, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 133, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 133, 180);  
box-shadow:4px 4px 4px 4px rgb(165, 133,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1428, 28.0697, 46.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 180) }
```

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

```
.background{ background-color: rgb(165,  
133, 180) }
```

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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