

Converting Colors

XYZ(32.5265, 28.6896, 46.4711)

Have a look what the booklet for
XYZ(32.5265, 28.6896, 46.4711)
contains.

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Color

**XYZ(32.5265, 28.6896,
46.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	A687B3
RGB	166, 135, 179
RGB Percent	65%, 53%, 70%
CMY	0.3490, 0.4706, 0.2980
CMYK	0.07, 0.25, 0.00, 0.30
HSL	282°, 22%, 62%
HSV	282°, 25%, 70%
XYZ	32.5265, 28.6896, 46.4711
YIQ	149.2850, 4.3520, 20.2560

Conversions

Conversions Part 2

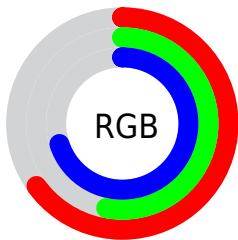
Format	Color
RYB	166, 135, 179
Decimal	10913715
CIELab	60.51, 19.96, -18.67
CIELCh	61, 27.335, 316.911
Yxy	28.6896, 0.3020, 0.2664
Android (android.graphics.Color)	4289103795 (0xFFA687B3)
YUV	149.2850, 14.6495, 14.6591
Hunter-Lab	53.5627, 14.6613, -13.9463

Details

The XYZ color **32.5265, 28.6896, 46.4711** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.7070, 40.2861, 28.9752**, and the grayscale version is **28.6267, 30.1175, 32.7980**.

A 20% lighter version of the original color is **62.7974, 57.3368, 86.3546**, and **13.9538, 11.5808, 21.2385** is the 20% darker color. If you saturate the color by 10%, you get **29.1502, 23.5487, 45.6572**, and if you desaturate by 10%, it is **36.3701, 34.6962, 47.4284**.

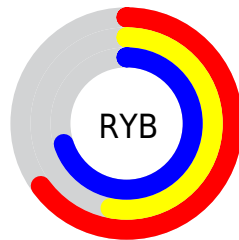
Distribution



Red (65%)

Green (53%)

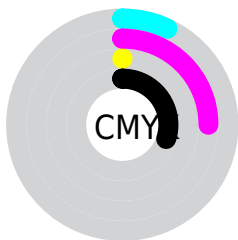
Blue (70%)



Red (65%)

Yellow (53%)

Blue (70%)

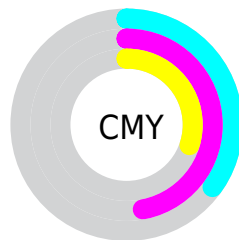


Cyan (7%)

Magenta (25%)

Yellow (0%)

Black (30%)



Cyan (35%)


Magenta (47%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5265, 28.6896, 46.4711 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 32.5265, 28.6896, 46.4711 by changing the saturation by 10% instead.


 32.5265, 28.6896,
46.4711

 32.5265, 28.6896,
46.4711


305.2135,
295.7476, 389.0319

 21.9215, 18.8461,
32.2664


 62.9952, 57.5836,
86.2653

 13.9155, 11.5592,
21.2985


 83.5896, 77.4028,
112.6919

 8.1432, 6.4443,
13.1490


 108.2445,
101.3162, 144.0295

 4.2393, 3.1171,
7.3993

137.3252,
129.7080, 180.6966

 1.8384, 1.1931,
3.6309

171.1971,
162.9626, 223.1119

 0.5406, 0.0561,
1.4251

210.2255,

 0.0000, 0.0000,

201.4645, 271.6939

0.1612

254.7759,
245.5980, 326.8610

■ 0.0000, 0.0000,
0.0000

■ 32.5265, 28.6896,
46.4711

■ 32.5265, 28.6896,
46.4711

■ 29.1502, 23.5487,
45.6572

■ 36.3701, 34.6962,
47.4284

■ 26.2169, 19.2276,
44.9777

■ 40.6983, 41.6042,
48.5336

■ 23.7043, 15.6816,
44.4257

■ 45.5309, 49.4516,
49.7936

■ 21.5866, 12.8603,
43.9928

■ 50.8856, 58.2733,
51.2141

■ 19.8352, 10.7072,
43.6695

■ 56.7793, 68.1021,
52.8007

■ 18.4170, 9.1569,
43.4450

■ 63.2280, 78.9695,
54.5584

■ 17.2922, 8.1309,
43.3062

■ 68.5316, 87.4744,
55.9205

■ 16.7576, 7.6989,
43.2510

■ 69.9969, 88.2298,
55.9891

■ 71.5119, 89.0108,
56.0600

Harmonies

Analogous

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



29.2891, 28.6896, 53.7455



32.5265, 28.6896, 46.4711



34.4209, 28.6896, 35.8455

Triad

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



32.5265, 28.6896, 46.4711



28.8332, 28.6896, 15.8837



21.2818, 28.6896, 37.2346

Complementary

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



32.5265, 28.6896, 46.4711



32.7070, 40.2861, 28.9752

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.



21.1828, 28.6896, 27.0434



32.5265, 28.6896, 46.4711



25.3433, 28.6896, 16.0982

Square

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



32.5265, 28.6896, 46.4711



32.1681, 28.6896, 19.0938



22.6103, 28.6896, 19.7611



22.8937, 28.6896, 47.6751

Rectangle

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



32.5265, 28.6896, 46.4711



34.5694, 28.6896, 28.9590



22.6103, 28.6896, 19.7611



21.0757, 28.6896, 33.6337

Sweetspot

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



32.5274, 28.6908, 46.4717



70.8366, 71.2134, 86.3932



28.7508, 29.6494, 46.8558



15.5905, 15.6117, 19.1139



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.



32.5274, 28.6908, 46.4717



55.1832, 46.6731, 82.4815



34.5298, 29.8227, 42.0666



8.6006, 8.5182, 10.6972



11.9091, 5.4752, 30.5661



0.4297, 0.2006, 0.9643

Inverse Universe

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



32.6006, 29.0510, 31.9075



55.4249, 47.4739, 51.9413



31.1315, 39.3993, 32.2708



8.5962, 8.5452, 9.3722



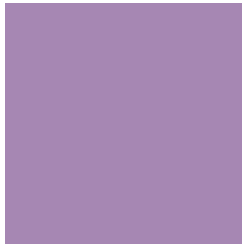
13.6145, 6.9634, 3.1300



0.4546, 0.2296, 0.2367

Previews

White Background



This preview shows how the XYZ color 32.5265, 28.6896, 46.4711 looks on a white background.

Color Contrast Check

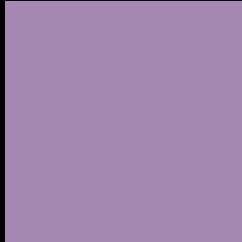
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5265, 28.6896, 46.4711 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 32.5265, 28.6896, 46.4711

Background



This preview shows how black text looks on a background with the XYZ color 32.5265, 28.6896, 46.4711.



This preview shows how white text looks on a background with the XYZ color 32.5265, 28.6896,

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

32.5265, 28.6896, 46.4711

Protanopia

29.1417, 29.0302, 50.5218

Deuteranopia

29.4353, 28.8390, 45.6100



Tritanopia

29.8643, 28.6719, 33.2384

Trichromacy



Original Color

32.5265, 28.6896, 46.4711

Protanomaly

30.1047, 28.6717, 48.7472

Deuteranomaly

30.5508, 28.7428, 46.0572

Tritanomaly

30.6258, 28.5367, 37.6122

Monochromacy



Original Color

32.5265, 28.6896, 46.4711

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.8360, 29.4531, 37.3702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5265, 28.6896, 46.4711 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(166, 135, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 135, 179)  
}
```

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(166, 135, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 135, 179) }
```

Border

The CSS property to change the border of an element to XYZ 32.5265, 28.6896, 46.4711 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(166, 135, 179) }
```


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

```
.border{ border-color:rgb(166, 135, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 135, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 135, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 135, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 135,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5265, 28.6896, 46.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 135, 179) }
```

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

```
.background{ background-color: rgb(166,  
135, 179) }
```

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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