

Converting Colors

XYZ(28.6313, 24.8308, 58.6911)

Have a look what the booklet for
XYZ(28.6313, 24.8308, 58.6911)
contains.

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Color

**XYZ(28.6132, 24.7991,
58.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7FC9
RGB	138, 127, 201
RGB Percent	54%, 50%, 79%
CMY	0.4588, 0.5019, 0.2118
CMYK	0.31, 0.37, 0.00, 0.21
HSL	249°, 41%, 64%
HSV	249°, 37%, 79%
XYZ	28.6132, 24.7991, 58.5370
YIQ	138.7250, -17.1980, 25.3460

Conversions

Conversions Part 2

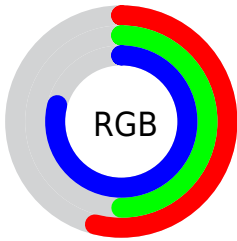
Format	Color
R _Y B	138, 127, 201
Decimal	9076681
CIE Lab	56.88, 20.97, -36.97
CIE LCh	57, 42.504, 299.561
Yxy	24.7991, 0.2556, 0.2215
Android (android.graphics.Color)	4287266761 (0xFF8A7FC9)
YUV	138.7250, 30.7016, -0.6358
Hunter-Lab	49.7987, 15.4143, -34.8347

Details

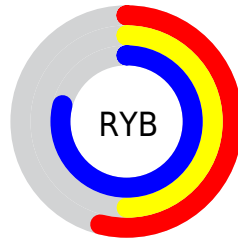
The XYZ color **28.6132, 24.7991, 58.5370** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.9533, 54.2533, 28.1296**, and the grayscale version is **24.3263, 25.5931, 27.8709**.

A 20% lighter version of the original color is **56.3636, 51.2000, 101.5196**, and **11.7372, 9.4867, 28.8163** is the 20% darker color. If you saturate the color by 10%, you get **23.6601, 18.7692, 57.6346**, and if you desaturate by 10%, it is **34.5320, 32.0965, 59.6340**.

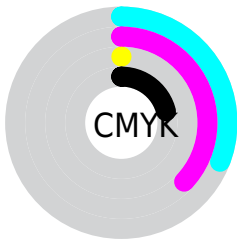
Distribution



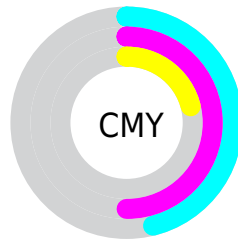
- Red (54%)
- Green (50%)
- Blue (79%)



- Red (54%)
- Yellow (50%)
- Blue (79%)



- Cyan (31%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (50%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6132, 24.7991, 58.5370 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 28.6132, 24.7991, 58.5370 by changing the saturation by 10% instead.

■ 28.6132, 24.7991,
58.5370

■ 28.6132, 24.7991,
58.5370

287.4128,
276.8360, 436.8380

■ 18.9312, 15.9274,
41.8230

■ 56.8638, 51.3311,
104.2269

■ 11.7243, 9.4728,
28.6382

■ 76.1631, 69.7603,
134.0399

■ 6.6271, 5.0509,
18.5640

■ 99.3989, 92.1440,
169.0563

■ 3.2742, 2.2771,
11.1821

126.9366,
118.8668, 209.6946

■ 1.3004, 0.7616,
6.0737

159.1414,
150.3130, 256.3734

■ 0.1835, 0.0000,
2.8205

196.3788,

■ 0.0000, 0.0000,

186.8670, 309.5112

1.0037

239.0142,
228.9132, 369.5265

■ 0.0000, 0.0000,
0.0000

■ 28.6132, 24.7991,
58.5370

■ 28.6132, 24.7991,
58.5370

■ 23.6601, 18.7692,
57.6346

■ 34.5320, 32.0965,
59.6340

■ 19.6181, 13.9314,
56.9139

■ 41.4618, 40.7253,
60.9343

■ 16.4316, 10.2063,
56.3628

■ 49.4479, 50.7487,
62.4481

■ 14.0371, 7.5040,
55.9674

■ 58.5325, 62.2249,
64.1844

■ 12.3623, 5.7202,
55.7114

■ 68.7551, 75.2086,
66.1518

■ 11.3166, 4.7192,
55.5733

■ 80.1534, 89.7520,
68.3582

■ 11.0746, 4.4913,
55.5420

■ 87.5427, 96.9971,
69.3671

Harmonies

Analogous

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



23.4976, 24.7991, 64.7158



28.6132, 24.7991, 58.5370



32.8196, 24.7991, 43.3987

Triad

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



28.6132, 24.7991, 58.5370



28.7578, 24.7991, 9.5975



15.2394, 24.7991, 26.7928

Complementary

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



28.6132, 24.7991, 58.5370



45.9533, 54.2533, 28.1296

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.



16.2466, 24.7991, 15.3631



28.6132, 24.7991, 58.5370



23.6441, 24.7991, 7.8248

Square

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



28.6132, 24.7991, 58.5370



32.9110, 24.7991, 15.6140



19.1586, 24.7991, 9.4926



16.1896, 24.7991, 42.9021

Rectangle

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



28.6132, 24.7991, 58.5370



34.2878, 24.7991, 32.2771



19.1586, 24.7991, 9.4926



15.3579, 24.7991, 22.3354

Sweetspot

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



28.6141, 24.8001, 58.5376



78.4990, 79.1397, 105.7459



37.9557, 46.0496, 62.1468



16.3999, 16.4345, 22.5577



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.6141, 24.8001, 58.5376



42.2356, 34.2248, 98.9877



35.5587, 28.3801, 58.8626



10.2010, 10.3619, 13.3799



7.0117, 2.8489, 34.9247



0.3803, 0.1598, 1.6559

Inverse Universe

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



40.9717, 31.3149, 52.6008



66.5124, 47.0369, 86.7104



38.0700, 50.1894, 27.7607



11.0127, 10.7885, 13.0502



19.8011, 9.6700, 25.2262



0.9565, 0.4655, 1.2942

Previews

White Background



This preview shows how the XYZ color 28.6132, 24.7991, 58.5370 looks on a white background.

Color Contrast Check

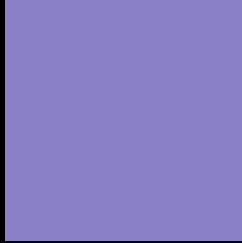
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6132, 24.7991, 58.5370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

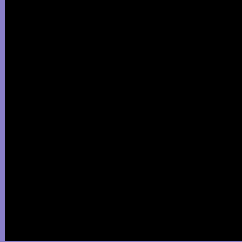
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6132, 24.7991, 58.5370

Background



This preview shows how black text looks on a background with the XYZ color 28.6132, 24.7991, 58.5370.



This preview shows how white text looks on a background with the XYZ color 28.6132, 24.7991,

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

28.6132, 24.7991, 58.5370

Protanopia

26.3431, 24.9347, 62.4559

Deuteranopia

25.4032, 24.7665, 57.4743



Tritanopia

23.2657, 24.8589, 32.0058

Trichromacy



Original Color

28.6132, 24.7991, 58.5370

Protanomaly

27.0209, 24.7053, 61.1021

Deuteranomaly

26.4223, 24.6657, 58.0119

Tritanomaly

24.9531, 24.7026, 40.4987

Monochromacy



Original Color

28.6132, 24.7991, 58.5370

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.8330, 25.4255, 37.7285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6132, 24.7991, 58.5370 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(138, 127, 201)` looks like.

```
.text, #text, p{  
    color:rgb(138, 127, 201)  
}
```

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(138, 127, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 127, 201) }
```

Border

The CSS property to change the border of an element to XYZ 28.6132, 24.7991, 58.5370 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(138, 127, 201) }
```


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

```
.border{ border-color:rgb(138, 127, 201) }
```

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

Here you see how a box with a 4 pixel rgb(138, 127, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 127, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 127, 201);  
box-shadow:4px 4px 4px 4px rgb(138, 127,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6132, 24.7991, 58.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 127, 201) }
```

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

```
.background{ background-color: rgb(138,  
127, 201) }
```

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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