

Converting Colors

XYZ(28.8882, 25.6561, 52.7198)

Have a look what the booklet for
XYZ(28.8882, 25.6561, 52.7198)
contains.

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Color

**XYZ(28.8882, 25.6561,
52.7198)**

Conversions

Conversions Part 1

Format	Color
Hex	9082BF
RGB	144, 130, 191
RGB Percent	56%, 51%, 75%
CMY	0.4353, 0.4902, 0.2510
CMYK	0.25, 0.32, 0.00, 0.25
HSL	254°, 32%, 63%
HSV	254°, 32%, 75%
XYZ	28.8882, 25.6561, 52.7198
YIQ	141.1400, -11.2370, 21.9390

Conversions

Conversions Part 2

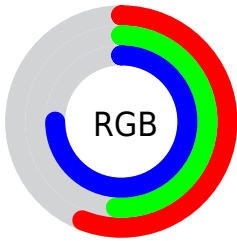
Format	Color
RYB	144, 130, 191
Decimal	9470655
CIELab	57.71, 18.46, -29.96
CIELCh	58, 35.195, 301.639
Yxy	25.6561, 0.2693, 0.2392
Android (android.graphics.Color)	4287660735 (0xFF9082BF)
YUV	141.1400, 24.5810, 2.5082
Hunter-Lab	50.6519, 13.1629, -26.2543

Details

The XYZ color **28.8882, 25.6561, 52.7198** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.7921, 48.2210, 28.2777**, and the grayscale version is **25.2828, 26.5995, 28.9668**.

A 20% lighter version of the original color is **57.4300, 52.7864, 95.9688**, and **11.8714, 9.9663, 24.9649** is the 20% darker color. If you saturate the color by 10%, you get **24.1747, 19.7988, 51.8381**, and if you desaturate by 10%, it is **34.4102, 32.6313, 53.7755**.

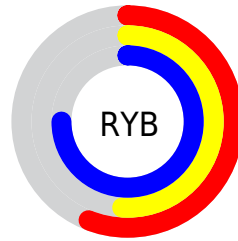
Distribution



Red (56%)

Green (51%)

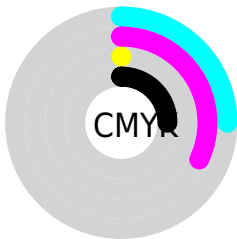
Blue (75%)



Red (56%)

Yellow (51%)

Blue (75%)

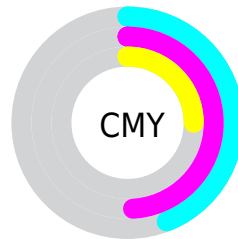


Cyan (25%)

Magenta (32%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8882, 25.6561, 52.7198 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 28.8882, 25.6561, 52.7198 by changing the saturation by 10% instead.

■ 28.8882, 25.6561,
52.7198

■ 28.8882, 25.6561,
52.7198

288.6908,
281.0898, 414.2449

■ 19.1401, 16.5665,
37.1929

■ 57.2982, 52.7196,
95.6293

■ 11.8762, 9.9259,
25.0600

■ 76.6908, 71.4624,
123.8490

■ 6.7310, 5.3499,
15.9023

■ 100.0290, 94.1917,
157.1368

■ 3.3393, 2.4540,
9.3014

127.6781,
121.2919, 195.9111

■ 1.3356, 0.8535,
4.8388

160.0035,
153.1474, 240.5905

■ 0.2096, 0.0000,
2.0959

197.3705,

■ 0.0000, 0.0000,

190.1426, 291.5936

0.6133

240.1445,
232.6620, 349.3389

■ 0.0000, 0.0000,
0.0000

■ 28.8882, 25.6561,
52.7198

■ 28.8882, 25.6561,
52.7198

■ 24.1747, 19.7988,
51.8381

■ 34.4102, 32.6313,
53.7755

■ 20.2279, 14.9975,
51.1194

■ 40.7742, 40.7758,
55.0122

■ 17.0064, 11.1887,
50.5540

■ 48.0152, 50.1416,
56.4383

■ 14.4635, 8.3008,
50.1306

■ 56.1652, 60.7765,
58.0615

■ 12.5468, 6.2524,
49.8362

■ 65.2548, 72.7259,
59.8889

■ 11.1950, 4.9470,
49.6555

■ 75.3130, 86.0328,
61.9273

■ 10.4358, 4.2935,
49.5694

■ 83.5279, 95.0589,
63.2365

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



24.6179, 25.6561, 58.1497



28.8882, 25.6561, 52.7198



32.2343, 25.6561, 40.4741

Triad

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



28.8882, 25.6561, 52.7198



28.4411, 25.6561, 12.0846



17.1486, 25.6561, 28.6042

Complementary

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



28.8882, 25.6561, 52.7198



40.7921, 48.2210, 28.2777

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.



17.9267, 25.6561, 18.2969



28.8882, 25.6561, 52.7198



24.1543, 25.6561, 10.5652

Square

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



28.8882, 25.6561, 52.7198



31.9560, 25.6561, 17.4435



20.3766, 25.6561, 12.4683



18.1161, 25.6561, 41.9641

Rectangle

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



28.8882, 25.6561, 52.7198



33.3140, 25.6561, 31.4478



20.3766, 25.6561, 12.4683



17.2142, 25.6561, 24.6943

Sweetspot

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



28.8891, 25.6571, 52.7204



75.2151, 75.8487, 98.9551



34.4880, 40.2628, 55.2445



16.1309, 16.1589, 21.6541



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.8891, 25.6571, 52.7204



45.9557, 38.7423, 93.3350



34.7799, 28.6939, 52.9961



9.2159, 9.3282, 11.9870



6.9177, 2.8523, 32.5788



0.3300, 0.1422, 1.2789

Inverse Universe

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



37.4050, 30.2168, 45.4565



63.6280, 48.2161, 77.7447



34.7443, 45.1032, 27.9946



9.8337, 9.6578, 11.5134



17.6216, 8.6798, 19.0987



0.7136, 0.3493, 0.8711

Previews

White Background



This preview shows how the XYZ color 28.8882, 25.6561, 52.7198 looks on a white background.

Color Contrast Check

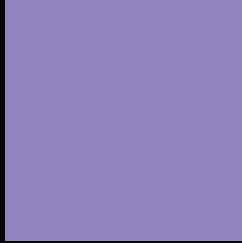
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8882, 25.6561, 52.7198 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 28.8882, 25.6561, 52.7198

Background



This preview shows how black text looks on a background with the XYZ color 28.8882, 25.6561, 52.7198.



This preview shows how white text looks on a background with the XYZ color 28.8882, 25.6561,

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

28.8882, 25.6561, 52.7198

Protanopia

26.6552, 25.8699, 55.8131

Deuteranopia

26.4083, 25.8200, 52.3071



Tritanopia

24.6666, 25.5811, 32.0713

Trichromacy



Original Color

28.8882, 25.6561, 52.7198

Protanomaly

27.3160, 25.6124, 54.5429

Deuteranomaly

27.1794, 25.5932, 52.2227

Tritanomaly

26.0123, 25.4972, 38.6724

Monochromacy



Original Color

28.8882, 25.6561, 52.7198

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.3590, 26.1453, 36.4582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8882, 25.6561, 52.7198 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(144, 130, 191)` looks like.

```
.text, #text, p{  
    color:rgb(144, 130, 191)  
}
```

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(144, 130, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 130, 191) }
```

Border

The CSS property to change the border of an element to XYZ 28.8882, 25.6561, 52.7198 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(144, 130, 191) }
```


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

```
.border{ border-color:rgb(144, 130, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 130, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 130, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 130, 191);  
box-shadow:4px 4px 4px 4px rgb(144, 130,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8882, 25.6561, 52.7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 130, 191) }
```

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

```
.background{ background-color: rgb(144,  
130, 191) }
```

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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