

Converting Colors

XYZ(28.8261, 25.3181, 52.5662)

Have a look what the booklet for
XYZ(28.8261, 25.3181, 52.5662)
contains.

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Color

**XYZ(28.8002, 25.2197,
52.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	9180BF
RGB	145, 128, 191
RGB Percent	57%, 50%, 75%
CMY	0.4314, 0.4980, 0.2510
CMYK	0.24, 0.33, 0.00, 0.25
HSL	256°, 33%, 63%
HSV	256°, 33%, 75%
XYZ	28.8002, 25.2197, 52.6402
YIQ	140.2650, -10.0910, 23.1970

Conversions

Conversions Part 2

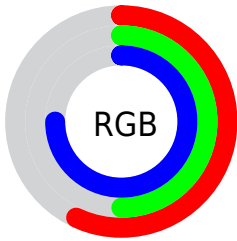
Format	Color
R_{YB}	145, 128, 191
Decimal	9535679
CIE _{Lab}	57.29, 19.93, -30.61
CIE _{LCh}	57, 36.527, 303.071
Yxy	25.2197, 0.2700, 0.2364
Android (android.graphics.Color)	4287725759 (0xFF9180BF)
YUV	140.2650, 25.0124, 4.1526
Hunter-Lab	50.2192, 14.4843, -26.9948

Details

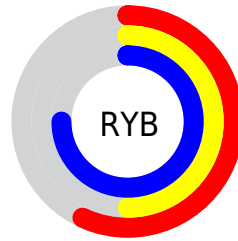
The XYZ color **28.8002, 25.2197, 52.6402** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.9834, 47.8194, 27.5459**, and the grayscale version is **24.9396, 26.2384, 28.5736**.

A 20% lighter version of the original color is **57.2866, 52.1044, 95.8448**, and **11.8255, 9.7253, 24.9208** is the 20% darker color. If you saturate the color by 10%, you get **24.2311, 19.5080, 51.7790**, and if you desaturate by 10%, it is **34.1417, 32.0268, 53.6730**.

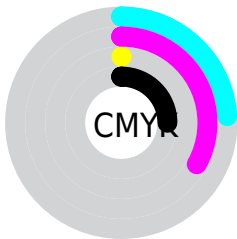
Distribution



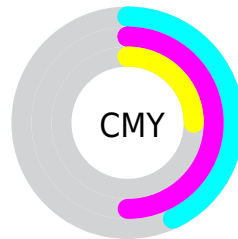
- Red (57%)
- Green (50%)
- Blue (75%)



- Red (57%)
- Yellow (50%)
- Blue (75%)



- Cyan (24%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)



- Cyan (43%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8002, 25.2197, 52.6402 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 28.8002, 25.2197, 52.6402 by changing the saturation by 10% instead.

■ 28.8002, 25.2197,
52.6402

■ 28.8002, 25.2197,
52.6402

288.2823,
278.9303, 413.9303

■ 19.0732, 16.2408,
37.1299

■ 57.1593, 52.0134,
95.5109

■ 11.8275, 9.6947,
25.0115

■ 76.5221, 70.5970,
123.7083

■ 6.6977, 5.1970,
15.8665

■ 99.8275, 93.1510,
156.9719

■ 3.3184, 2.3633,
9.2764

127.4410,
120.0598, 195.7201

■ 1.3243, 0.8069,
4.8226

159.7279,
151.7077, 240.3715

■ 0.2013, 0.0000,
2.0867

197.0535,

■ 0.0000, 0.0000,

188.4791, 291.3446

0.6078

239.7832,
230.7586, 349.0580

■ 0.0000, 0.0000,
0.0000

■ 28.8002, 25.2197,
52.6402

■ 28.8002, 25.2197,
52.6402

■ 24.2311, 19.5080,
51.7790

■ 34.1417, 32.0268,
53.6730

■ 20.3945, 14.8303,
51.0783

■ 40.2875, 39.9802,
54.8842

■ 17.2508, 11.1236,
50.5285

■ 47.2711, 49.1313,
56.2825

■ 14.7551, 8.3169,
50.1183

■ 55.1231, 59.5274,
57.8753

■ 12.8571, 6.3288,
49.8346

■ 63.8725, 71.2131,
59.6697

■ 11.4977, 5.0623,
49.6618

■ 73.5470, 84.2311,
61.6726

■ 10.7966, 4.4795,
49.5863

■ 81.9970, 94.2697,
63.1648

■ 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.



24.4188, 25.2197, 58.7640



28.8002, 25.2197, 52.6402



32.1745, 25.2197, 39.7185

Triad

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



28.8002, 25.2197, 52.6402



27.9370, 25.2197, 11.2303



16.5893, 25.2197, 28.7555

Complementary

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



28.8002, 25.2197, 52.6402



39.9834, 47.8194, 27.5459

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.



17.2951, 25.2197, 18.0253



28.8002, 25.2197, 52.6402



23.5279, 25.2197, 9.8841

Square

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



28.8002, 25.2197, 52.6402



31.6355, 25.2197, 16.4074



19.7135, 25.2197, 11.9479



17.6559, 25.2197, 42.6121

Rectangle

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



28.8002, 25.2197, 52.6402



33.2086, 25.2197, 30.4342



19.7135, 25.2197, 11.9479



16.6275, 25.2197, 24.6861

Sweetspot

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



28.8011, 25.2207, 52.6408



75.5330, 76.0125, 98.9700



33.4816, 38.7010, 54.9961



16.2093, 16.1993, 21.6577



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.



28.8011, 25.2207, 52.6408



45.2003, 37.1721, 93.0718



35.0963, 28.4660, 52.9354



9.2516, 9.3466, 11.9887



7.1623, 2.9784, 32.5903



0.3454, 0.1501, 1.2796

Inverse Universe

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



36.8458, 29.5717, 43.8112



62.1405, 46.3485, 73.8350



33.8037, 44.6337, 27.2566



9.8171, 9.6511, 11.4258



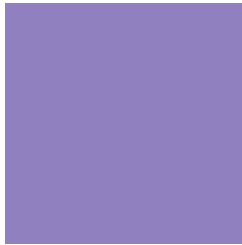
17.2401, 8.5272, 17.0896



0.7013, 0.3444, 0.8060

Previews

White Background



This preview shows how the XYZ color 28.8002, 25.2197, 52.6402 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 28.8002, 25.2197, 52.6402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

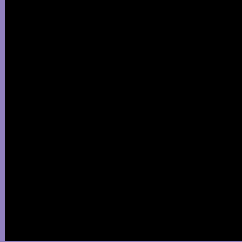
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8002, 25.2197, 52.6402

Background



This preview shows how black text looks on a background with the XYZ color 28.8002, 25.2197, 52.6402.



This preview shows how white text looks on a background with the XYZ color 28.8002, 25.2197,

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

28.8002, 25.2197, 52.6402

Protanopia

26.3534, 25.4911, 56.3546

Deuteranopia

25.8746, 25.3474, 51.6729



Tritanopia

24.5286, 25.3163, 31.1975

Trichromacy



Original Color

28.8002, 25.2197, 52.6402

Protanomaly

27.1399, 25.3044, 55.0836

Deuteranomaly

26.8877, 25.2386, 52.1696

Tritanomaly

25.9512, 25.2700, 38.1602

Monochromacy



Original Color

28.8002, 25.2197, 52.6402

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.2175, 25.8623, 36.4110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8002, 25.2197, 52.6402 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(145, 128, 191)` looks like.

```
.text, #text, p{  
    color:rgb(145, 128, 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(145, 128, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 128, 191) }
```

Border

The CSS property to change the border of an element to XYZ 28.8002, 25.2197, 52.6402 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(145, 128, 191) }
```


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

```
.border{ border-color:rgb(145, 128, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 128, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 128, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 128, 191);  
box-shadow:4px 4px 4px 4px rgb(145, 128,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8002, 25.2197, 52.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 128, 191) }
```

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

```
.background{ background-color: rgb(145,  
128, 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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