

Converting Colors

XYZ(29.4644, 28.4870, 50.7449)

Have a look what the booklet for
XYZ(29.4644, 28.4870, 50.7449)
contains.

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Color

**XYZ(29.4579, 28.5093,
50.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8EBB
RGB	140, 142, 187
RGB Percent	55%, 56%, 73%
CMY	0.4510, 0.4431, 0.2667
CMYK	0.25, 0.24, 0.00, 0.27
HSL	237°, 26%, 64%
HSV	237°, 25%, 73%
XYZ	29.4579, 28.5093, 50.9640
YIQ	146.5320, -15.6370, 13.5710

Conversions

Conversions Part 2

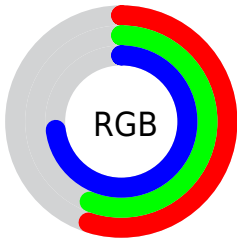
Format	Color
R_{YB}	140, 142, 187
Decimal	9211579
CIE _{Lab}	60.35, 9.29, -23.65
CIE _{LCh}	60, 25.414, 291.445
Yxy	28.5093, 0.2704, 0.2617
Android (android.graphics.Color)	4287401659 (0xFF8C8EBB)
YUV	146.5320, 19.9507, -5.7286
Hunter-Lab	53.3941, 5.0400, -19.2157

Details

The XYZ color **29.4579, 28.5093, 50.9640** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.5767, 47.1566, 31.6701**, and the grayscale version is **27.4660, 28.8963, 31.4681**.

A 20% lighter version of the original color is **58.1657, 57.4203, 92.8116**, and **12.2500, 11.4994, 24.1282** is the 20% darker color. If you saturate the color by 10%, you get **24.1174, 22.1148, 50.0117**, and if you desaturate by 10%, it is **35.7636, 36.0379, 52.0853**.

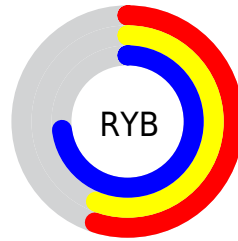
Distribution



Red (55%)

Green (56%)

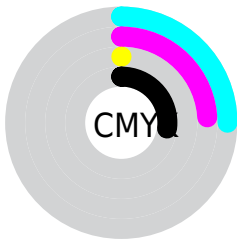
Blue (73%)



Red (55%)

Yellow (56%)

Blue (73%)

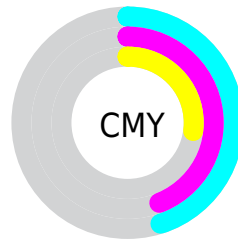


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (44%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4579, 28.5093, 50.9640 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 29.4579, 28.5093, 50.9640 by changing the saturation by 10% instead.

■ 29.4579, 28.5093,
50.9640

■ 29.4579, 28.5093,
50.9640

291.3247,
294.8926, 407.2665

■ 19.5735, 18.7099,
35.8034

■ 58.1963, 57.2965,
93.0125

■ 12.1919, 11.4609,
23.9939

■ 77.7811, 77.0532,
120.7375

■ 6.9476, 6.3777,
15.1170

■ 101.3301,
100.8978, 153.4878

■ 3.4754, 3.0761,
8.7540

129.2085,
129.2146, 191.6818

■ 1.4099, 1.1716,
4.4864

161.7819,
162.3881, 235.7382

■ 0.2632, 0.0383,
1.8958

199.4154,

■ 0.0000, 0.0000,

200.8027, 286.0754

0.4901

242.4746,
244.8427, 343.1119

■ 0.0000, 0.0000,
0.0000

■ 29.4579, 28.5093,
50.9640

■ 29.4579, 28.5093,
50.9640

■ 24.1174, 22.1148,
50.0117

■ 35.7636, 36.0379,
52.0853

■ 19.6919, 16.7962,
49.2184

■ 43.0760, 44.7481,
53.3811

■ 16.1308, 12.4954,
48.5759

■ 51.4373, 54.6891,
54.8592

■ 13.3775, 9.1474,
48.0748

■ 60.8867, 65.9060,
56.5263

■ 11.3688, 6.6797,
47.7043

■ 71.4612, 78.4418,
58.3886

■ 10.0319, 5.0094,
47.4524

■ 83.1964, 92.3376,
60.4523

■ 9.2791, 4.0375,
47.3045

■ 85.9697, 96.3679,
61.0840

■ 9.0561, 3.7607,
47.2628

Harmonies

Analogous

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



26.1740, 28.5093, 52.4317



29.4579, 28.5093, 50.9640



32.3091, 28.5093, 43.6504

Triad

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



29.4579, 28.5093, 50.9640



31.2014, 28.5093, 18.9976



21.3512, 28.5093, 28.4432

Complementary

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



29.4579, 28.5093, 50.9640



42.5767, 47.1566, 31.6701

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.



22.4784, 28.5093, 21.1301



29.4579, 28.5093, 50.9640



28.0419, 28.5093, 16.4407

Square

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



29.4579, 28.5093, 50.9640



33.3706, 28.5093, 24.9214



24.8662, 28.5093, 17.1341



21.6639, 28.5093, 38.0901

Rectangle

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



29.4579, 28.5093, 50.9640



33.4952, 28.5093, 37.1219



24.8662, 28.5093, 17.1341



21.5707, 28.5093, 25.6647

Sweetspot

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



29.4588, 28.5104, 50.9647



73.0297, 75.2406, 94.8752



37.3063, 44.6048, 52.3494



15.6377, 16.0397, 20.8143



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.4588, 28.5104, 50.9647



47.4304, 44.6846, 90.3265



33.0768, 29.9377, 51.0494



9.0482, 9.2887, 11.9882



6.2532, 2.6181, 32.5687



0.2562, 0.1251, 1.2795

Inverse Universe

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



34.7549, 31.2749, 29.7972



58.5097, 50.5162, 46.0338



38.1991, 45.5255, 31.5859



9.5462, 9.5428, 9.9992



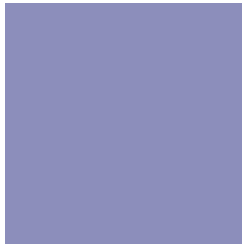
14.1571, 7.2940, 0.8549



0.5602, 0.2880, 0.0635

Previews

White Background



This preview shows how the XYZ color 29.4579, 28.5093, 50.9640 looks on a white background.

Color Contrast Check

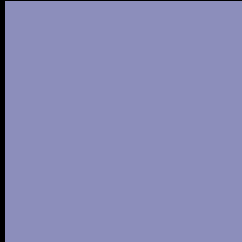
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4579, 28.5093, 50.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

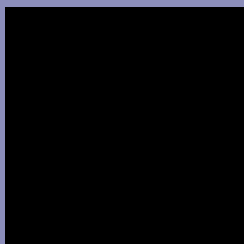
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4579, 28.5093, 50.9640

Background



This preview shows how black text looks on a background with the XYZ color 29.4579, 28.5093, 50.9640.



This preview shows how white text looks on a background with the XYZ color 29.4579, 28.5093,

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

29.4579, 28.5093, 50.9640

Protanopia

28.8819, 28.6457, 51.5839

Deuteranopia

29.2733, 28.6361, 50.9981



Tritanopia

26.5232, 28.4390, 36.8922

Trichromacy



Original Color

29.4579, 28.5093, 50.9640

Protanomaly

29.0529, 28.5100, 51.5487

Deuteranomaly

29.4396, 28.7217, 51.0059

Tritanomaly

27.4402, 28.3496, 41.5619

Monochromacy



Original Color

29.4579, 28.5093, 50.9640

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1486, 28.7887, 38.2556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4579, 28.5093, 50.9640 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(140, 142, 187)` looks like.

```
.text, #text, p{  
    color:rgb(140, 142, 187)  
}
```

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(140, 142, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 142, 187) }
```

Border

The CSS property to change the border of an element to XYZ 29.4579, 28.5093, 50.9640 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(140, 142, 187) }
```


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

```
.border{ border-color:rgb(140, 142, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 142, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 142, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 142, 187);  
box-shadow:4px 4px 4px 4px rgb(140, 142,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4579, 28.5093, 50.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 142, 187) }
```

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

```
.background{ background-color: rgb(140,  
142, 187) }
```

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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