

Converting Colors

XYZ(28.8741, 25.6009, 64.8221)

Have a look what the booklet for
XYZ(28.8741, 25.6009, 64.8221)
contains.

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Color

**XYZ(28.9274, 25.6029,
65.0452)**

Conversions

Conversions Part 1

Format	Color
Hex	8183D3
RGB	129, 131, 211
RGB Percent	51%, 51%, 83%
CMY	0.4941, 0.4863, 0.1725
CMYK	0.39, 0.38, 0.00, 0.17
HSL	239°, 48%, 67%
HSV	239°, 39%, 83%
XYZ	28.9274, 25.6029, 65.0452
YIQ	139.5220, -26.8720, 24.4560

Conversions

Conversions Part 2

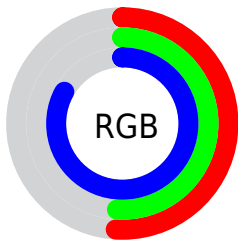
Format	Color
RYB	129, 131, 211
Decimal	8487891
CIELab	57.66, 18.83, -41.44
CIELCh	58, 45.523, 294.439
Yxy	25.6029, 0.2419, 0.2141
Android (android.graphics.Color)	4286677971 (0xFF8183D3)
YUV	139.5220, 35.2387, -9.2278
Hunter-Lab	50.5993, 13.4989, -40.7975

Details

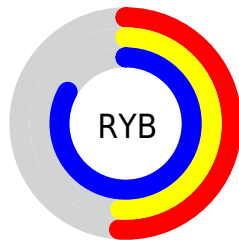
The XYZ color **28.9274, 25.6029, 65.0452** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **53.6276, 61.0357, 29.7246**, and the grayscale version is **24.6183, 25.9004, 28.2055**.

A 20% lighter version of the original color is **55.1981, 51.8153, 101.6998**, and **11.9197, 9.9307, 32.7411** is the 20% darker color. If you saturate the color by 10%, you get **23.5516, 19.1273, 64.0791**, and if you desaturate by 10%, it is **35.5162, 33.5200, 66.2266**.

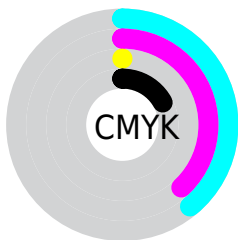
Distribution



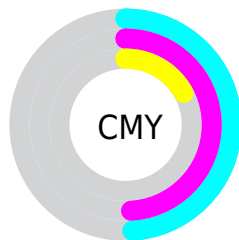
- Red (51%)
- Green (51%)
- Blue (83%)



- Red (51%)
- Yellow (51%)
- Blue (83%)



- Cyan (39%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9274, 25.6029, 65.0452 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 28.9274, 25.6029, 65.0452 by changing the saturation by 10% instead.

■ 28.9274, 25.6029,
65.0452

■ 28.9274, 25.6029,
65.0452

288.8726,
280.8273, 461.2650

■ 19.1699, 16.5268,
47.0462

■ 57.3601, 52.6336,
113.7287

■ 11.8979, 9.8977,
32.7175

■ 76.7660, 71.3571,
145.2503

■ 6.7459, 5.3312,
21.6408

■ 100.1187, 94.0650,
182.1165

■ 3.3486, 2.4429,
13.3974

127.7837,
121.1420, 224.7458

■ 1.3407, 0.8478,
7.5688

160.1262,
152.9723, 273.5567

■ 0.2134, 0.0000,
3.7365

197.5116,

■ 0.0000, 0.0000,

189.9403, 328.9679

1.4819

240.3053,
232.4305, 391.3978

■ 0.0000, 0.0000,
0.2044

■ 0.0000, 0.0000,
0.0000

■ 28.9274, 25.6029,
65.0452

■ 28.9274, 25.6029,
65.0452

■ 23.5516, 19.1273,
64.0791

■ 35.5162, 33.5200,
66.2266

■ 19.3120, 14.0039,
63.3136

■ 43.3825, 42.9552,
67.6331

■ 16.1280, 10.1377,
62.7352

■ 52.5899, 53.9829,
69.2764

■ 13.9069, 7.4204,
62.3278

■ 63.1968, 66.6720,
71.1666

■ 12.5400, 5.7254,
62.0726

■ 75.2583, 81.0871,
73.3133

■ 11.8693, 4.8813,
61.9451

■ 88.6038, 97.1749,
75.7152

■ 11.8138, 4.8149,
61.9352

■ 88.7580, 97.4832,
75.7666

Harmonies

Analogous

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



23.3344, 25.6029, 69.6255



28.9274, 25.6029, 65.0452



33.8820, 25.6029, 49.1990

Triad

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



28.9274, 25.6029, 65.0452



30.9442, 25.6029, 9.9101



15.3325, 25.6029, 25.0717

Complementary

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



28.9274, 25.6029, 65.0452



53.6276, 61.0357, 29.7246

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.



16.7741, 25.6029, 13.8246



28.9274, 25.6029, 65.0452



25.3634, 25.6029, 7.4190

Square

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



28.9274, 25.6029, 65.0452



35.1626, 25.6029, 17.2230



20.2560, 25.6029, 8.5225



15.9949, 25.6029, 42.2101

Rectangle

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



28.9274, 25.6029, 65.0452



35.8757, 25.6029, 36.7177



20.2560, 25.6029, 8.5225



15.5796, 25.6029, 20.5835

Sweetspot

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



28.9284, 25.6038, 65.0458



75.8793, 77.0607, 105.4827



43.7663, 55.8235, 68.3155



15.8355, 16.0082, 22.5052



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.



28.9284, 25.6038, 65.0458



37.1647, 30.5810, 98.5517



35.6018, 28.6493, 65.2819



11.1865, 11.4632, 14.8667



7.1404, 2.9274, 37.3812



0.4076, 0.1803, 2.0929

Inverse Universe

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



38.8118, 31.1891, 25.4481



54.5176, 40.4669, 29.0097



44.4322, 57.0280, 29.4357



11.8203, 11.8128, 12.3293



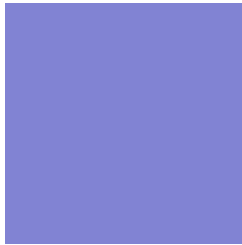
16.2349, 8.3668, 0.8771



0.9119, 0.4695, 0.0711

Previews

White Background



This preview shows how the XYZ color 28.9274, 25.6029, 65.0452 looks on a white background.

Color Contrast Check

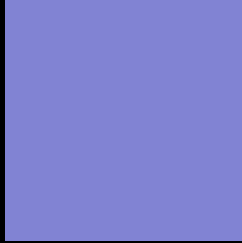
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9274, 25.6029, 65.0452 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 28.9274, 25.6029, 65.0452

Background



This preview shows how black text looks on a background with the XYZ color 28.9274, 25.6029, 65.0452.



This preview shows how white text looks on a background with the XYZ color 28.9274, 25.6029,

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

28.9274, 25.6029, 65.0452

Protanopia

27.3766, 25.7658, 67.8204

Deuteranopia

26.4303, 25.7732, 64.5545



Tritanopia

22.7254, 25.6229, 34.3198

Trichromacy



Original Color

28.9274, 25.6029, 65.0452

Protanomaly

27.8652, 25.6182, 67.0945

Deuteranomaly

27.1069, 25.4918, 64.4645

Tritanomaly

24.7162, 25.5535, 44.1871

Monochromacy



Original Color

28.9274, 25.6029, 65.0452

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.9819, 25.8787, 39.7021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9274, 25.6029, 65.0452 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(129, 131, 211)` looks like.

```
.text, #text, p{  
    color:rgb(129, 131, 211)  
}
```

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(129, 131, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 131, 211) }
```

Border

The CSS property to change the border of an element to XYZ 28.9274, 25.6029, 65.0452 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(129, 131, 211) }
```


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

```
.border{ border-color:rgb(129, 131, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 131, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 131, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 131, 211);  
box-shadow:4px 4px 4px 4px rgb(129, 131,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9274, 25.6029, 65.0452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 131, 211) }
```

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

```
.background{ background-color: rgb(129,  
131, 211) }
```

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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