

Converting Colors

XYZ(29.8285, 25.2852, 64.9364)

Have a look what the booklet for
XYZ(29.8285, 25.2852, 64.9364)
contains.

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Color

**XYZ(29.8285, 25.2852,
64.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7FD3
RGB	138, 127, 211
RGB Percent	54%, 50%, 83%
CMY	0.4588, 0.5020, 0.1725
CMYK	0.35, 0.40, 0.00, 0.17
HSL	248°, 49%, 66%
HSV	248°, 40%, 83%
XYZ	29.8285, 25.2852, 64.9364
YIQ	139.8650, -20.4080, 28.4560

Conversions

Conversions Part 2

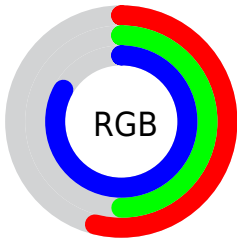
Format	Color
R _Y B	138, 127, 211
Decimal	9076691
CIE Lab	57.35, 23.61, -41.88
CIE LCh	57, 48.074, 299.412
Yxy	25.2852, 0.2485, 0.2106
Android (android.graphics.Color)	4287266771 (0xFF8A7FD3)
YUV	139.8650, 35.0696, -1.6356
Hunter-Lab	50.2844, 17.8878, -41.3670

Details

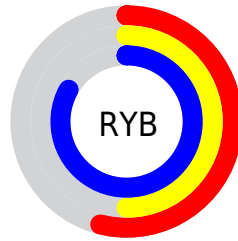
The XYZ color **29.8285, 25.2852, 64.9364** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **50.9448, 60.4006, 29.0530**, and the grayscale version is **24.7496, 26.0385, 28.3560**.

A 20% lighter version of the original color is **56.6194, 51.3319, 101.5316**, and **12.3813, 9.7339, 32.6788** is the 20% darker color. If you saturate the color by 10%, you get **24.6015, 18.9604, 63.9916**, and if you desaturate by 10%, it is **36.1402, 33.0171, 66.0966**.

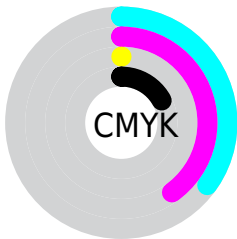
Distribution



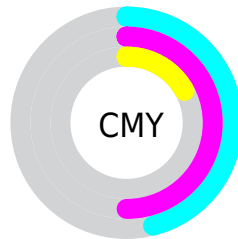
- Red (54%)
- Green (50%)
- Blue (83%)



- Red (54%)
- Yellow (50%)
- Blue (83%)



- Cyan (35%)
- Magenta (40%)
- Yellow (0%)
- Black (17%)



- Cyan (46%)
- Magenta (50%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8285, 25.2852, 64.9364 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 29.8285, 25.2852, 64.9364 by changing the saturation by 10% instead.

■ 29.8285, 25.2852,
64.9364

■ 29.8285, 25.2852,
64.9364

293.0284,
279.2553, 460.8633

■ 19.8559, 16.2897,
46.9585

■ 58.7793, 52.1195,
113.5708

■ 12.3980, 9.7294,
32.6487

■ 78.4883, 70.7271,
145.0644

■ 7.0894, 5.2199,
21.5886

■ 102.1734, 93.3075,
181.9003

■ 3.5649, 2.3768,
13.3595

130.1999,
120.2451, 224.4971

■ 1.4591, 0.8139,
7.5429

162.9334,
151.9242, 273.2732

■ 0.2977, 0.0000,
3.7203

200.7390,

■ 0.0000, 0.0000,

188.7294, 328.6473

1.4732

243.9823,
231.0450, 391.0378

■ 0.0000, 0.0000,
0.1979

■ 0.0000, 0.0000,
0.0000

■ 29.8285, 25.2852,
64.9364

■ 29.8285, 25.2852,
64.9364

■ 24.6015, 18.9604,
63.9916

■ 36.1402, 33.0171,
66.0966

■ 20.3948, 13.9549,
63.2471

■ 43.5904, 42.2312,
67.4824

■ 17.1413, 10.1752,
62.6890

■ 52.2328, 53.0006,
69.1056

■ 14.7647, 7.5143,
62.3007

■ 62.1168, 65.3928,
70.9766

■ 13.1766, 5.8465,
62.0625

■ 73.2891, 79.4712,
73.1052

■ 12.2407, 4.9586,
61.9404

■ 85.7937, 95.2958,
75.5006

■ 12.2269, 4.9449,
61.9385

■ 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.



23.9206, 25.2852, 72.3709



29.8285, 25.2852, 64.9364



34.7592, 25.2852, 46.7968

Triad

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



29.8285, 25.2852, 64.9364



30.0539, 25.2852, 8.3834



14.6530, 25.2852, 27.2106

Complementary

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



29.8285, 25.2852, 64.9364



50.9448, 60.4006, 29.0530

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.



15.7770, 25.2852, 14.4462



29.8285, 25.2852, 64.9364



24.1454, 25.2852, 6.5581

Square

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



29.8285, 25.2852, 64.9364



34.9031, 25.2852, 14.8120



19.0412, 25.2852, 8.2386



15.6922, 25.2852, 46.0071

Rectangle

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



29.8285, 25.2852, 64.9364



36.4996, 25.2852, 33.7122



19.0412, 25.2852, 8.2386



14.7872, 25.2852, 22.1562

Sweetspot

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



29.8294, 25.2861, 64.9370



76.9376, 77.3073, 105.4745



41.4442, 51.0824, 69.3040



16.0822, 16.0658, 22.5033



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.



29.8294, 25.2861, 64.9370



38.7099, 30.2405, 98.4045



37.8922, 29.4427, 65.3143



11.3056, 11.4908, 14.8657



7.4277, 3.0094, 37.3819



0.4636, 0.1932, 2.0924

Inverse Universe

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



44.8792, 33.1985, 58.6861



65.1484, 44.1560, 86.7274



41.4635, 55.5128, 28.6092



12.2414, 11.9813, 14.5470



21.4209, 10.4412, 28.1861



1.2167, 0.5914, 1.6759

Previews

White Background



This preview shows how the XYZ color 29.8285, 25.2852, 64.9364 looks on a white background.

Color Contrast Check

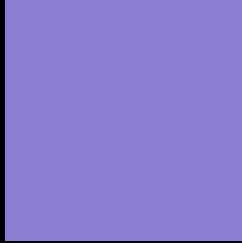
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8285, 25.2852, 64.9364 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 29.8285, 25.2852, 64.9364

Background



This preview shows how black text looks on a background with the XYZ color 29.8285, 25.2852, 64.9364.



This preview shows how white text looks on a background with the XYZ color 29.8285, 25.2852,

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

29.8285, 25.2852, 64.9364

Protanopia

27.2627, 25.4541, 69.8059

Deuteranopia

26.1632, 25.4378, 63.8526



Tritanopia

23.4214, 25.3505, 32.9369

Trichromacy



Original Color

29.8285, 25.2852, 64.9364

Protanomaly

27.9882, 25.2604, 67.6906

Deuteranomaly

27.2228, 25.1412, 64.3907

Tritanomaly

25.4127, 25.0909, 43.0388

Monochromacy



Original Color

29.8285, 25.2852, 64.9364

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.1944, 25.5701, 39.6313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8285, 25.2852, 64.9364 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(138, 127, 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(138, 127, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 127, 211) }
```

Border

The CSS property to change the border of an element to XYZ 29.8285, 25.2852, 64.9364 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, 211) }
```


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

```
.border{ border-color:rgb(138, 127, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 127, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 127, 211);  
box-shadow:4px 4px 4px 4px rgb(138, 127,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8285, 25.2852, 64.9364 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, 211) }
```

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

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