

Converting Colors

XYZ(28.9313, 26.5588, 71.4235)

Have a look what the booklet for
XYZ(28.9313, 26.5588, 71.4235)
contains.

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Color

**XYZ(28.9249, 26.4886,
71.2985)**

Conversions

Conversions Part 1

Format	Color
Hex	7488DC
RGB	116, 136, 220
RGB Percent	45%, 53%, 86%
CMY	0.5451, 0.4667, 0.1373
CMYK	0.47, 0.38, 0.00, 0.14
HSL	228°, 60%, 66%
HSV	228°, 47%, 86%
XYZ	28.9249, 26.4886, 71.2985
YIQ	139.5960, -38.8840, 21.8840

Conversions

Conversions Part 2

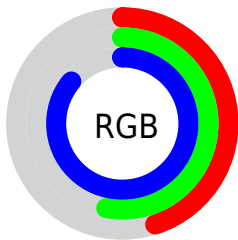
Format	Color
R _Y B	116, 133, 220
Decimal	7637212
CIE Lab	58.50, 15.20, -45.23
CIE LCh	58, 47.717, 288.580
Yxy	26.4886, 0.2283, 0.2090
Android (android.graphics.Color)	4285827292 (0xFF7488DC)
YUV	139.5960, 39.6392, -20.6937
Hunter-Lab	51.4671, 10.2510, -46.1088

Details

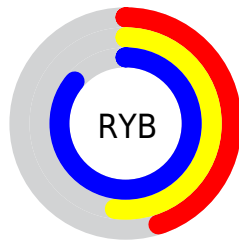
The XYZ color **28.9249, 26.4886, 71.2985** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **53.3233, 57.7872, 24.8681**, and the grayscale version is **24.6338, 25.9167, 28.2232**.

A 20% lighter version of the original color is **53.4812, 52.4994, 101.9224**, and **11.9127, 10.4265, 36.5066** is the 20% darker color. If you saturate the color by 10%, you get **24.0408, 20.5589, 70.4119**, and if you desaturate by 10%, it is **34.9184, 33.6069, 72.3571**.

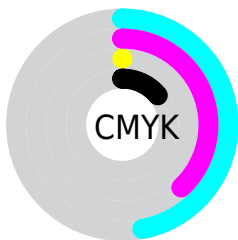
Distribution



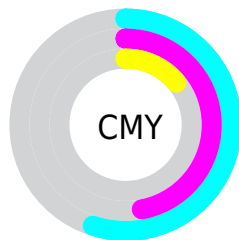
- Red (45%)
- Green (53%)
- Blue (86%)



- Red (45%)
- Yellow (52%)
- Blue (86%)



- Cyan (47%)
- Magenta (38%)
- Yellow (0%)
- Black (14%)



- Cyan (55%)
- Magenta (47%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9249, 26.4886, 71.2985 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 28.9249, 26.4886, 71.2985 by changing the saturation by 10% instead.

■ 28.9249, 26.4886,
71.2985

■ 28.9249, 26.4886,
71.2985

288.8610,
285.1724, 484.0080

■ 19.1680, 17.1895,
52.1025

■ 57.3561, 54.0621,
122.7571

■ 11.8965, 10.3697,
36.7040

■ 76.7612, 73.1054,
155.8567

■ 6.7449, 5.6448,
24.6844

■ 100.1130, 96.1655,
194.4280

■ 3.3480, 2.6303,
15.6252

127.7769,
123.6268, 238.8895

■ 1.3404, 0.9419,
9.1079

160.1184,
155.8738, 289.6597

■ 0.2131, 0.0000,
4.7138

197.5026,

■ 0.0000, 0.0000,

193.2908, 347.1572

2.0246

240.2951,
236.2622, 411.8004

■ 0.0000, 0.0000,
0.5703

■ 0.0000, 0.0000,
0.0000

■ 28.9249, 26.4886,
71.2985

■ 28.9249, 26.4886,
71.2985

■ 24.0408, 20.5589,
70.4119

■ 34.9184, 33.6069,
72.3571

■ 20.1929, 15.7485,
69.6862

■ 42.0820, 41.9722,
73.5942

■ 17.3038, 11.9851,
69.1121

■ 50.4756, 51.6423,
75.0183

■ 15.2833, 9.1860,
68.6783

■ 60.1541, 62.6704,
76.6368

■ 14.0162, 7.2514,
68.3716

■ 71.1690, 75.1067,
78.4568

■ 13.7571, 6.8449,
68.3068

■ 83.5688, 88.9991,
80.4847

■ 89.9184, 97.9474,
81.8772

Harmonies

Analogous

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



23.0191, 26.4886, 73.2152



28.9249, 26.4886, 71.2985



34.5658, 26.4886, 55.7616

Triad

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



28.9249, 26.4886, 71.2985



33.3558, 26.4886, 10.8288



15.6997, 26.4886, 22.9340

Complementary

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



28.9249, 26.4886, 71.2985



53.3233, 57.7872, 24.8681

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.



17.6632, 26.4886, 12.3745



28.9249, 26.4886, 71.2985



27.4649, 26.4886, 7.4147

Square

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



28.9249, 26.4886, 71.2985



37.3842, 26.4886, 19.7640



21.7670, 26.4886, 7.8428



15.9661, 26.4886, 40.3440

Rectangle

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



28.9249, 26.4886, 71.2985



37.1372, 26.4886, 42.2450



21.7670, 26.4886, 7.8428



16.1069, 26.4886, 18.6234

Sweetspot

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



28.9259, 26.4895, 71.2992



74.5949, 76.8089, 105.5018



43.1288, 59.0331, 63.2771



15.3617, 15.7491, 22.4802



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.



28.9259, 26.4895, 71.2992



33.4680, 28.5746, 98.3592



31.2335, 23.8812, 70.6741



12.5403, 13.0204, 16.5044



8.1350, 4.1395, 40.1086



0.5870, 0.3881, 2.6184

Inverse Universe

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



40.2055, 29.4853, 26.8654



51.3367, 34.1599, 27.7805



49.6833, 63.2414, 26.1127



13.1578, 13.0922, 14.0925



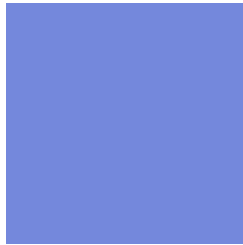
17.6015, 9.0416, 2.2816



1.1706, 0.5979, 0.3071

Previews

White Background



This preview shows how the XYZ color 28.9249, 26.4886, 71.2985 looks on a white background.

Color Contrast Check

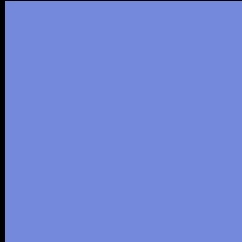
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9249, 26.4886, 71.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

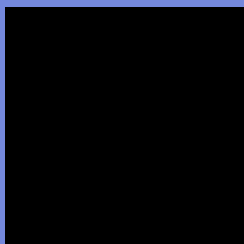
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9249, 26.4886, 71.2985

Background



This preview shows how black text looks on a background with the XYZ color 28.9249, 26.4886, 71.2985.



This preview shows how white text looks on a background with the XYZ color 28.9249, 26.4886,

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

28.9249, 26.4886, 71.2985

Protanopia

28.4463, 26.6486, 72.0510

Deuteranopia

27.3099, 26.5233, 70.6980



Tritanopia

22.0807, 26.3705, 37.1840

Trichromacy



Original Color

28.9249, 26.4886, 71.2985

Protanomaly

28.6789, 26.5565, 72.0210

Deuteranomaly

27.8445, 26.5830, 70.6813

Tritanomaly

24.2425, 26.3272, 48.0599

Monochromacy



Original Color

28.9249, 26.4886, 71.2985

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.7541, 26.1551, 41.2272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9249, 26.4886, 71.2985 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(116, 136, 220)` looks like.

```
.text, #text, p{  
    color:rgb(116, 136, 220)  
}
```

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(116, 136, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 136, 220) }
```

Border

The CSS property to change the border of an element to XYZ 28.9249, 26.4886, 71.2985 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(116, 136, 220) }
```


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

```
.border{ border-color:rgb(116, 136, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 136, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 136, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 136, 220);  
box-shadow:4px 4px 4px 4px rgb(116, 136,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9249, 26.4886, 71.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 136, 220) }
```

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

```
.background{ background-color: rgb(116,  
136, 220) }
```

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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