

Converting Colors

XYZ(32.7896, 28.8608, 71.0346)

Have a look what the booklet for
XYZ(32.7896, 28.8608, 71.0346)
contains.

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Color

**XYZ(32.8592, 28.9542,
70.8747)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8ADB
RGB	141, 138, 219
RGB Percent	55%, 54%, 86%
CMY	0.4470, 0.4588, 0.1412
CMYK	0.36, 0.37, 0.00, 0.14
HSL	242°, 53%, 70%
HSV	242°, 37%, 86%
XYZ	32.8592, 28.9542, 70.8747
YIQ	148.1310, -24.2130, 25.8270

Conversions

Conversions Part 2

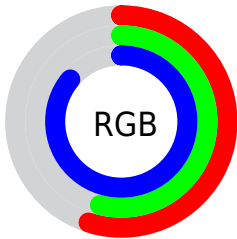
Format	Color
RYB	141, 138, 219
Decimal	9276123
CIELab	60.74, 20.14, -41.02
CIELCh	61, 45.695, 296.152
Yxy	28.9542, 0.2476, 0.2182
Android (android.graphics.Color)	4287466203 (0xFF8D8ADB)
YUV	148.1310, 34.9384, -6.2539
Hunter-Lab	53.8091, 14.8373, -40.4275

Details

The XYZ color **32.8592, 28.9542, 70.8747** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **58.2383, 67.0974, 33.9274**, and the grayscale version is **28.0699, 29.5318, 32.1601**.

A 20% lighter version of the original color is **59.7068, 56.3519, 102.3379**, and **14.1210, 11.6860, 36.6333** is the 20% darker color. If you saturate the color by 10%, you get **26.7774, 21.6160, 69.7794**, and if you desaturate by 10%, it is **40.2593, 37.9135, 72.2145**.

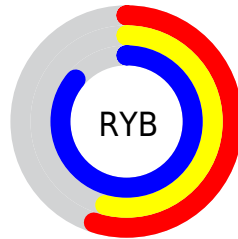
Distribution



Red (55%)

Green (54%)

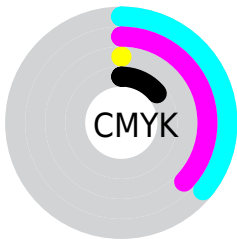
Blue (86%)



Red (55%)

Yellow (54%)

Blue (86%)

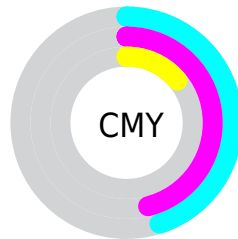


Cyan (36%)

Magenta (37%)

Yellow (0%)

Black (14%)



Cyan (45%)

Magenta (46%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8592, 28.9542, 70.8747 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 32.8592, 28.9542, 70.8747 by changing the saturation by 10% instead.

■ 32.8592, 28.9542,
70.8747

■ 32.8592, 28.9542,
70.8747

306.6910,
296.9988, 482.4871

■ 22.1773, 19.0462,
51.7587

■ 63.5118, 58.0043,
122.1481

■ 14.1046, 11.7036,
36.4319

■ 84.2132, 77.9152,
155.1426

■ 8.2756, 6.5422,
24.4756

■ 108.9852,
101.9291, 193.6004

■ 4.3251, 3.1775,
15.4713

138.1931,
130.4306, 237.9400

■ 1.8877, 1.2251,
9.0006

172.2023,
163.8038, 288.5799

■ 0.5696, 0.0821,
4.6447

211.3781,

■ 0.0000, 0.0000,

202.4334, 345.9387

1.9853

256.0859,
246.7036, 410.4349

■ 0.0000, 0.0000,
0.5462

■ 0.0000, 0.0000,
0.0000

■ 32.8592, 28.9542,
70.8747

■ 32.8592, 28.9542,
70.8747

■ 26.7774, 21.6160,
69.7794

■ 40.2593, 37.9135,
72.2145

■ 21.9336, 15.7989,
68.9118

■ 49.0454, 48.5792,
73.8101

■ 18.2437, 11.3971,
68.2567

■ 59.2845, 61.0347,
75.6746

■ 15.6115, 8.2898,
67.7957

■ 71.0380, 75.3568,
77.8196

■ 13.9258, 6.3362,
67.5074

■ 84.3642, 91.6180,
80.2560

■ 13.0464, 5.3550,
67.3644

■ 89.7863, 97.8945,
81.1817

■ 12.8878, 5.1669,
67.3364

Harmonies

Analogous

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



26.7617, 28.9542, 76.6360



32.8592, 28.9542, 70.8747



38.1206, 28.9542, 53.4440

Triad

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



32.8592, 28.9542, 70.8747



34.3741, 28.9542, 11.4356



17.6370, 28.9542, 29.3844

Complementary

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



32.8592, 28.9542, 70.8747



58.2383, 67.0974, 33.9274

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.



19.0931, 28.9542, 16.6080



32.8592, 28.9542, 70.8747



28.2927, 28.9542, 8.8762

Square

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



32.8592, 28.9542, 70.8747



39.0797, 28.9542, 19.2099



22.7931, 28.9542, 10.3564



18.4995, 28.9542, 48.2252

Rectangle

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



32.8592, 28.9542, 70.8747



40.1455, 28.9542, 40.0084



22.7931, 28.9542, 10.3564



17.8653, 28.9542, 24.3365

Sweetspot

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



32.8603, 28.9553, 70.8754



77.4969, 78.6230, 105.6990



47.9010, 59.7841, 76.0332



16.1633, 16.3125, 22.5467



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.



32.8603, 28.9553, 70.8754



39.8673, 33.0040, 98.8769



40.9786, 33.1404, 71.2553



12.3831, 12.6401, 16.4393



7.6620, 3.0741, 39.9279



0.5125, 0.2074, 2.5875

Inverse Universe

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



50.6972, 38.1958, 69.6663



68.4203, 47.8001, 96.7575



47.7791, 61.7055, 33.4379



13.5925, 13.2661, 16.3811



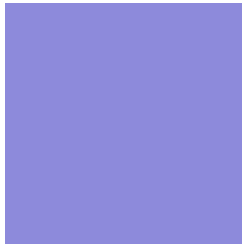
24.2950, 11.7190, 37.5291



1.5806, 0.7619, 2.4663

Previews

White Background



This preview shows how the XYZ color 32.8592, 28.9542, 70.8747 looks on a white background.

Color Contrast Check

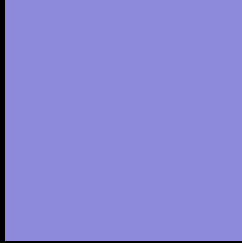
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8592, 28.9542, 70.8747 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 32.8592, 28.9542, 70.8747

Background



This preview shows how black text looks on a background with the XYZ color 32.8592, 28.9542, 70.8747.



This preview shows how white text looks on a background with the XYZ color 32.8592, 28.9542,

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

32.8592, 28.9542, 70.8747

Protanopia

30.8990, 29.1799, 74.5247

Deuteranopia

29.8735, 29.2124, 69.7097



Tritanopia

26.3300, 29.0105, 38.3943

Trichromacy



Original Color

32.8592, 28.9542, 70.8747

Protanomaly

31.4620, 29.0555, 73.0573

Deuteranomaly

30.7895, 28.9920, 70.3029

Tritanomaly

28.4990, 28.9632, 48.8881

Monochromacy



Original Color

32.8592, 28.9542, 70.8747

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.2903, 29.0223, 44.1025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8592, 28.9542, 70.8747 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(141, 138, 219)` looks like.

```
.text, #text, p{  
    color:rgb(141, 138, 219)  
}
```

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(141, 138, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 138, 219) }
```

Border

The CSS property to change the border of an element to XYZ 32.8592, 28.9542, 70.8747 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(141, 138, 219) }
```


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

```
.border{ border-color:rgb(141, 138, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 138, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 138, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 138, 219);  
box-shadow:4px 4px 4px 4px rgb(141, 138,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8592, 28.9542, 70.8747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 138, 219) }
```

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

```
.background{ background-color: rgb(141,  
138, 219) }
```

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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