

Converting Colors

XYZ(33.0207, 29.5374, 76.2251)

Have a look what the booklet for
XYZ(33.0207, 29.5374, 76.2251)
contains.

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Color

**XYZ(32.9252, 29.5273,
75.9155)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 858DE2 |
| RGB | 133, 141, 226 |
| RGB Percent | 52%, 55%, 89% |
| CMY | 0.4784, 0.4470, 0.1137 |
| CMYK | 0.41, 0.38, 0.00, 0.11 |
| HSL | 235°, 62%, 70% |
| HSV | 235°, 41%, 89% |
| XYZ | 32.9252, 29.5273, 75.9155 |
| YIQ | 148.2980, -32.0530, 24.7390 |

Conversions

Conversions Part 2

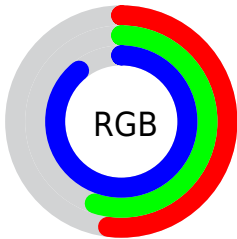
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 133, 140, 226 |
| Decimal | 8752610 |
| CIE _{Lab} | 61.24, 18.21, -44.17 |
| CIE _{LCh} | 61, 47.771, 292.403 |
| Yxy | 29.5273, 0.2380, 0.2134 |
| Android (android.graphics.Color) | 4286942690 (0xFF858DE2) |
| YUV | 148.2980, 38.3071, -13.4163 |
| Hunter-Lab | 54.3390, 13.0637, -44.7950 |

Details

The XYZ color **32.9252, 29.5273, 75.9155** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **60.6702, 68.0064, 32.1206**, and the grayscale version is **28.1282, 29.5931, 32.2269**.

A 20% lighter version of the original color is **58.3281, 56.6224, 102.4627**, and **14.1387, 12.0042, 39.6021** is the 20% darker color. If you saturate the color by 10%, you get **26.9665, 22.3484, 74.8444**, and if you desaturate by 10%, it is **40.2217, 38.2401, 77.2132**.

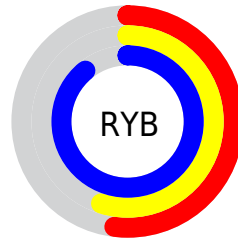
Distribution



Red (52%)

Green (55%)

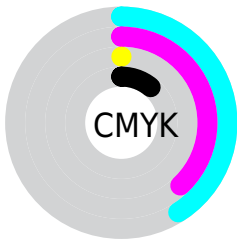
Blue (89%)



Red (52%)

Yellow (55%)

Blue (89%)

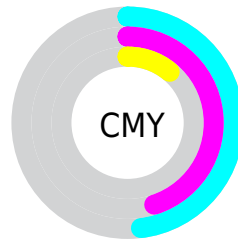


Cyan (41%)

Magenta (38%)

Yellow (0%)

Black (11%)



Cyan (48%)

Magenta (45%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9252, 29.5273, 75.9155 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 32.9252, 29.5273, 75.9155 by changing the saturation by 10% instead.

■ 32.9252, 29.5273,
75.9155

■ 32.9252, 29.5273,
75.9155

306.9835,
299.6948, 500.3975

■ 22.2281, 19.4801,
55.8570

■ 63.6142, 58.9138,
129.3664

■ 14.1421, 12.0177,
39.6850

■ 84.3368, 79.0219,
163.5960

■ 8.3020, 6.7557,
26.9811

■ 109.1320,
103.2524, 203.3862

■ 4.3422, 3.3098,
17.3267

138.3650,
131.9897, 249.1557

■ 1.8975, 1.2955,
10.3033

172.4014,
165.6182, 301.3231

■ 0.5754, 0.1377,
5.4923

211.6063,

■ 0.0000, 0.0000,

204.5223, 360.3068

2.4752

256.3452,
249.0864, 426.5254

■ 0.0000, 0.0000,
0.8270

■ 0.0000, 0.0000,
0.0000

■ 32.9252, 29.5273,
75.9155

■ 32.9252, 29.5273,
75.9155

■ 26.9665, 22.3484,
74.8444

■ 40.2217, 38.2401,
77.2132

■ 22.2610, 16.6111,
73.9851

■ 48.9271, 48.5652,
78.7474

■ 18.7195, 12.2186,
73.3239

■ 59.1115, 60.5797,
80.5296

■ 16.2394, 9.0604,
72.8450

■ 70.8394, 74.3546,
82.5703

■ 14.7004, 7.0082,
72.5300

■ 84.1713, 89.9570,
84.8792

■ 13.9679, 5.9717,
72.3685

■ 90.7276, 98.2710,
86.1384

Harmonies

Analogous

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



26.4979, 29.5273, 80.0813



32.9252, 29.5273, 75.9155



38.7656, 29.5273, 58.2138

Triad

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



32.9252, 29.5273, 75.9155



36.0989, 29.5273, 11.7909



17.7129, 29.5273, 27.7900

Complementary

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



32.9252, 29.5273, 75.9155



60.6702, 68.0064, 32.1206

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.



19.5403, 29.5273, 15.3250



32.9252, 29.5273, 75.9155



29.6923, 29.5273, 8.6050

Square

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



32.9252, 29.5273, 75.9155



40.7802, 29.5273, 20.6850



23.7080, 29.5273, 9.5994



18.3124, 29.5273, 47.2205

Rectangle

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



32.9252, 29.5273, 75.9155



41.2264, 29.5273, 43.7845



23.7080, 29.5273, 9.5994



18.0529, 29.5273, 22.7843

Sweetspot

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



32.9263, 29.5284, 75.9162



76.3924, 78.0869, 105.6537



49.3556, 64.3742, 75.2661



15.9551, 16.2473, 22.5451



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.



32.9263, 29.5284, 75.9162



36.7585, 30.9597, 98.6462



38.7371, 30.8358, 75.8623



13.0463, 13.4318, 17.2927



8.0042, 3.4780, 41.2978



0.5881, 0.3076, 2.8736

Inverse Universe

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



44.5602, 34.8682, 29.5819



54.0219, 39.1556, 29.8306



52.3677, 66.8802, 32.3408



13.7549, 13.7196, 14.4793



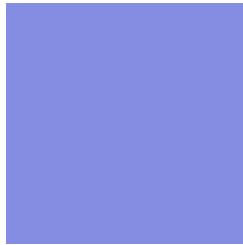
17.9804, 9.2591, 1.2965



1.2631, 0.6485, 0.1783

Previews

White Background



This preview shows how the XYZ color 32.9252, 29.5273, 75.9155 looks on a white background.

Color Contrast Check

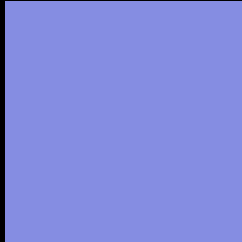
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9252, 29.5273, 75.9155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

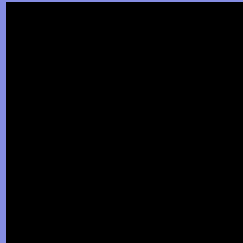
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9252, 29.5273, 75.9155

Background



This preview shows how black text looks on a background with the XYZ color 32.9252, 29.5273, 75.9155.



This preview shows how white text looks on a background with the XYZ color 32.9252, 29.5273,

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

32.9252, 29.5273, 75.9155

Protanopia

31.6044, 29.6898, 78.1937

Deuteranopia

30.4547, 29.6187, 75.3460



Tritanopia

25.9097, 29.7159, 40.4466

Trichromacy



Original Color

32.9252, 29.5273, 75.9155

Protanomaly

32.1452, 29.7589, 77.4486

Deuteranomaly

31.1872, 29.5386, 75.2919

Tritanomaly

27.9929, 29.3367, 51.7641

Monochromacy



Original Color

32.9252, 29.5273, 75.9155

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.2896, 29.2250, 45.1716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9252, 29.5273, 75.9155 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(133, 141, 226)` looks like.

```
.text, #text, p{  
    color:rgb(133, 141, 226)  
}
```

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(133, 141, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 141, 226) }
```

Border

The CSS property to change the border of an element to XYZ 32.9252, 29.5273, 75.9155 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(133, 141, 226) }
```


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

```
.border{ border-color:rgb(133, 141, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 141, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 141, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 141, 226);  
box-shadow:4px 4px 4px 4px rgb(133, 141,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9252, 29.5273, 75.9155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 141, 226) }
```

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

```
.background{ background-color: rgb(133,  
141, 226) }
```

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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