

Converting Colors

XYZ(32.5912, 29.5879, 76.8606)

Have a look what the booklet for
XYZ(32.5912, 29.5879, 76.8606)
contains.

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Color

**XYZ(32.5914, 29.5592,
76.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	818EE3
RGB	129, 142, 227
RGB Percent	51%, 56%, 89%
CMY	0.4941, 0.4431, 0.1098
CMYK	0.43, 0.37, 0.00, 0.11
HSL	232°, 64%, 70%
HSV	232°, 43%, 89%
XYZ	32.5914, 29.5592, 76.6608
YIQ	147.8030, -35.0330, 23.6790

Conversions

Conversions Part 2

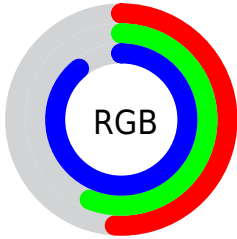
Format	Color
R_{YB}	129, 140, 227
Decimal	8490723
CIE Lab	61.27, 16.90, -44.70
CIE LCh	61, 47.783, 290.708
Yxy	29.5592, 0.2348, 0.2129
Android (android.graphics.Color)	4286680803 (0xFF818EE3)
YUV	147.8030, 39.0441, -16.4902
Hunter-Lab	54.3684, 11.8581, -45.5426

Details

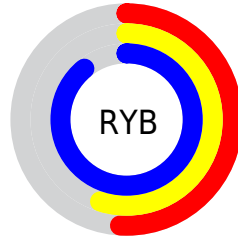
The XYZ color **32.5914, 29.5592, 76.6608** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **59.6888, 66.0107, 30.3658**, and the grayscale version is **27.9203, 29.3744, 31.9887**.

A 20% lighter version of the original color is **57.5727, 56.5645, 102.4914**, and **13.9255, 12.0110, 40.1125** is the 20% darker color. If you saturate the color by 10%, you get **26.8434, 22.6250, 75.6259**, and if you desaturate by 10%, it is **39.6249, 37.9251, 77.9055**.

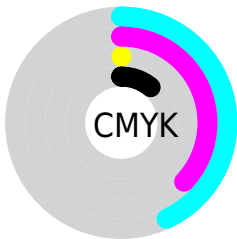
Distribution



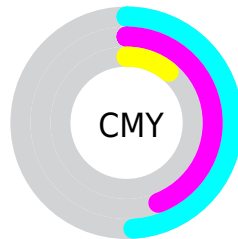
- Red (51%)
- Green (56%)
- Blue (89%)



- Red (51%)
- Yellow (55%)
- Blue (89%)



- Cyan (43%)
- Magenta (37%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5914, 29.5592, 76.6608 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 32.5914, 29.5592, 76.6608 by changing the saturation by 10% instead.

■ 32.5914, 29.5592,
76.6608

■ 32.5914, 29.5592,
76.6608

305.5022,
299.8443, 503.0137

■ 21.9713, 19.5043,
56.4646

■ 63.0960, 58.9644,
130.4292

■ 13.9523, 12.0352,
40.1691

■ 83.7113, 79.0834,
164.8385

■ 8.1690, 6.7677,
27.3556

■ 108.3891,
103.3259, 204.8226

■ 4.2560, 3.3172,
17.6057

137.4946,
132.0763, 250.8000

■ 1.8480, 1.2995,
10.5008

171.3934,
165.7189, 303.1892

■ 0.5463, 0.1408,
5.6223

210.4506,

■ 0.0000, 0.0000,

204.6382, 362.4089

2.5518

255.0318,
249.2185, 428.8775

■ 0.0000, 0.0000,
0.8674

■ 0.0000, 0.0000,
0.0000

■ 32.5914, 29.5592,
76.6608

■ 32.5914, 29.5592,
76.6608

■ 26.8434, 22.6250,
75.6259

■ 39.6249, 37.9251,
77.9055

■ 22.2990, 17.0386,
74.7871

■ 48.0125, 47.7941,
79.3683

■ 18.8721, 12.7117,
74.1326

■ 57.8215, 59.2364,
81.0599

■ 16.4633, 9.5443,
73.6482

■ 69.1142, 72.3171,
82.9895

■ 14.9548, 7.4204,
73.3177

■ 81.9489, 87.0973,
85.1659

■ 14.3323, 6.4802,
73.1690

■ 90.8652, 98.3261,
86.8634

Harmonies

Analogous

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



26.1875, 29.5592, 79.8846



32.5914, 29.5592, 76.6608



38.5309, 29.5592, 59.4737

Triad

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



32.5914, 29.5592, 76.6608



36.4694, 29.5592, 12.1347



17.7717, 29.5592, 26.9107

Complementary

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



32.5914, 29.5592, 76.6608



59.6888, 66.0107, 30.3658

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.



19.7375, 29.5592, 14.8584



32.5914, 29.5592, 76.6608



30.0932, 29.5592, 8.6785

Square

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



32.5914, 29.5592, 76.6608



40.9916, 29.5592, 21.4270



24.0327, 29.5592, 9.4441



18.2344, 29.5592, 46.0488

Rectangle

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



32.5914, 29.5592, 76.6608



41.1232, 29.5592, 45.0357



24.0327, 29.5592, 9.4441



18.1579, 29.5592, 22.0457

Sweetspot

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



32.5925, 29.5603, 76.6615



75.3918, 77.2530, 105.5455



48.6525, 64.4578, 73.4519



15.4939, 15.7874, 22.4806



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.



32.5925, 29.5603, 76.6615



35.5091, 30.1394, 98.5537



37.2199, 29.2403, 76.3559



13.7362, 14.1938, 18.1600



8.4062, 3.8745, 42.6880



0.6710, 0.3859, 3.1711

Inverse Universe

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



44.4123, 33.9857, 29.8112



52.9815, 37.1706, 29.1884



52.9352, 67.6090, 31.0302



14.4544, 14.3990, 15.3274



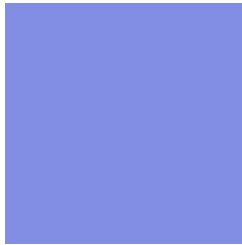
18.6366, 9.5888, 1.7152



1.4023, 0.7186, 0.2591

Previews

White Background



This preview shows how the XYZ color 32.5914, 29.5592, 76.6608 looks on a white background.

Color Contrast Check

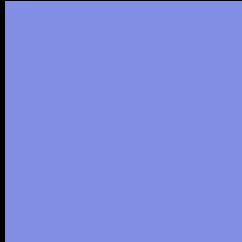
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5914, 29.5592, 76.6608 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 32.5914, 29.5592, 76.6608

Background



This preview shows how black text looks on a background with the XYZ color 32.5914, 29.5592, 76.6608.



This preview shows how white text looks on a background with the XYZ color 32.5914, 29.5592,

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

32.5914, 29.5592, 76.6608

Protanopia

31.6044, 29.6898, 78.1937

Deuteranopia

30.4679, 29.6096, 76.0609



Tritanopia

25.3407, 29.4119, 40.9007

Trichromacy



Original Color

32.5914, 29.5592, 76.6608

Protanomaly

31.8620, 29.6129, 77.4353

Deuteranomaly

31.0553, 29.4548, 76.0001

Tritanomaly

27.6994, 29.4088, 52.3607

Monochromacy



Original Color

32.5914, 29.5592, 76.6608

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.1992, 29.3948, 45.7298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5914, 29.5592, 76.6608 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, 142, 227)` looks like.

```
.text, #text, p{  
    color:rgb(129, 142, 227)  
}
```

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, 142, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 142, 227) }
```

Border

The CSS property to change the border of an element to XYZ 32.5914, 29.5592, 76.6608 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, 142, 227) }
```


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

```
.border{ border-color:rgb(129, 142, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 142, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 142, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 142, 227);  
box-shadow:4px 4px 4px 4px rgb(129, 142,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5914, 29.5592, 76.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 142, 227) }
```

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

```
.background{ background-color: rgb(129,  
142, 227) }
```

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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