

Converting Colors

XYZ(34.1033, 29.0686, 82.1089)

Have a look what the booklet for
XYZ(34.1033, 29.0686, 82.1089)
contains.

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Color

**XYZ(34.2576, 29.2078,
82.4294)**

Conversions

Conversions Part 1

Format	Color
Hex	8989EB
RGB	137, 137, 235
RGB Percent	54%, 54%, 92%
CMY	0.4627, 0.4627, 0.0784
CMYK	0.42, 0.42, 0.00, 0.08
HSL	240°, 71%, 73%
HSV	240°, 42%, 92%
XYZ	34.2576, 29.2078, 82.4294
YIQ	148.1720, -31.4580, 30.4780

Conversions

Conversions Part 2

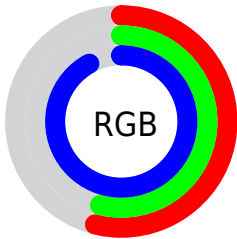
Format	Color
RYB	137, 137, 235
Decimal	9013739
CIELab	60.96, 24.09, -49.58
CIElCh	61, 55.123, 295.910
Yxy	29.2078, 0.2348, 0.2002
Android (android.graphics.Color)	4287203819 (0xFF8989EB)
YUV	148.1720, 42.8062, -9.7978
Hunter-Lab	54.0442, 18.5703, -52.5994

Details

The XYZ color **34.2576, 29.2078, 82.4294** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **68.4844, 78.8852, 35.2845**, and the grayscale version is **28.0574, 29.5186, 32.1457**.

A 20% lighter version of the original color is **58.7116, 55.5162, 102.2290**, and **14.9382, 11.8204, 44.1421** is the 20% darker color. If you saturate the color by 10%, you get **27.8320, 21.4651, 81.2741**, and if you desaturate by 10%, it is **42.2517, 38.8399, 83.8678**.

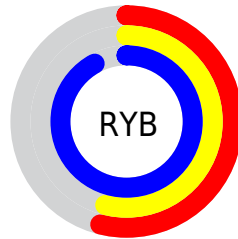
Distribution



Red (54%)

Green (54%)

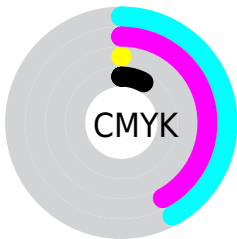
Blue (92%)



Red (54%)

Yellow (54%)

Blue (92%)

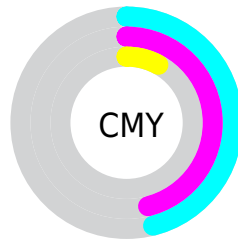


Cyan (42%)

Magenta (42%)

Yellow (0%)

Black (8%)



Cyan (46%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2576, 29.2078, 82.4294 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 34.2576, 29.2078, 82.4294 by changing the saturation by 10% instead.

■ 34.2576, 29.2078,
82.4294

■ 34.2576, 29.2078,
82.4294

312.8449,
298.1942, 523.0040

■ 23.2554, 19.2381,
61.1817

■ 65.6757, 58.4071,
138.6181

■ 14.9039, 11.8424,
43.9403

■ 86.8223, 78.4054,
174.3961

■ 8.8379, 6.6365,
30.2867

■ 112.0810,
102.5154, 215.8547

■ 4.6918, 3.2358,
19.8024

141.8173,
131.1215, 263.4123

■ 2.1005, 1.2561,
12.0689

176.3965,
164.6080, 317.4874

■ 0.6895, 0.1068,
6.6675

216.1839,

■ 0.0000, 0.0000,

203.3593, 378.4988

3.1798

261.5449,
247.7599, 446.8648

■ 0.0000, 0.0000,
1.1871

■ 0.0000, 0.0000,
0.0000

■ 34.2576, 29.2078,
82.4294

■ 34.2576, 29.2078,
82.4294

■ 27.8320, 21.4651,
81.2741

■ 42.2517, 38.8399,
83.8678

■ 22.8688, 15.4848,
80.3814

■ 51.9045, 50.4709,
85.6041

■ 19.2542, 11.1294,
79.7313

■ 63.3031, 64.2056,
87.6544

■ 16.8560, 8.2398,
79.2999

■ 76.5279, 80.1407,
90.0331

■ 15.5155, 6.6247,
79.0588

■ 91.6540, 98.3668,
92.7539

■ 14.9956, 5.9982,
78.9653

■ 91.9955, 98.7782,
92.8153

Harmonies

Analogous

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



26.7858, 29.2078, 89.9751



34.2576, 29.2078, 82.4294



40.8709, 29.2078, 59.5892

Triad

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



34.2576, 29.2078, 82.4294



36.2622, 29.2078, 8.9771



16.1193, 29.2078, 29.0586

Complementary

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



34.2576, 29.2078, 82.4294



68.4844, 78.8852, 35.2845

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.



17.8055, 29.2078, 14.3594



34.2576, 29.2078, 82.4294



28.7599, 29.2078, 6.3884

Square

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



34.2576, 29.2078, 82.4294



42.1615, 29.2078, 17.4379



22.1427, 29.2078, 7.8149



17.0815, 29.2078, 52.4535

Rectangle

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



34.2576, 29.2078, 82.4294



43.4625, 29.2078, 42.4592



22.1427, 29.2078, 7.8149



16.3860, 29.2078, 23.0969

Sweetspot

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



34.2587, 29.2088, 82.4301



74.2100, 74.8890, 105.1515



55.0209, 70.7339, 89.3510



15.2071, 15.2137, 22.3850



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.



34.2587, 29.2088, 82.4301



34.5317, 27.0790, 98.0145



44.1915, 34.3294, 82.8950



14.2313, 14.5490, 18.9804



8.3457, 3.3383, 43.9475



0.6553, 0.2621, 3.4509

Inverse Universe

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



58.2023, 41.5522, 83.5487



66.9436, 43.7880, 99.5285



54.4741, 71.6626, 34.6288



15.7149, 15.3138, 19.0498



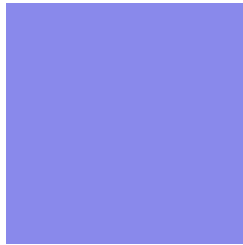
27.4129, 13.1679, 44.8372



2.1526, 1.0340, 3.5208

Previews

White Background



This preview shows how the XYZ color 34.2576, 29.2078, 82.4294 looks on a white background.

Color Contrast Check

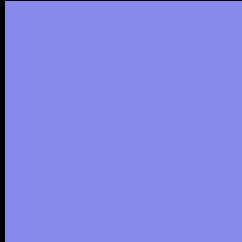
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2576, 29.2078, 82.4294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

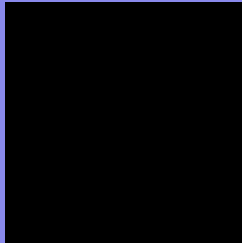
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2576, 29.2078, 82.4294

Background



This preview shows how black text looks on a background with the XYZ color 34.2576, 29.2078, 82.4294.



This preview shows how white text looks on a background with the XYZ color 34.2576, 29.2078,

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

34.2576, 29.2078, 82.4294

Protanopia

32.0348, 29.4855, 87.2220

Deuteranopia

30.2873, 29.4033, 81.1699



Tritanopia

25.6275, 29.0950, 39.8625

Trichromacy



Original Color

34.2576, 29.2078, 82.4294

Protanomaly

32.7126, 29.2037, 85.5741

Deuteranomaly

31.4838, 29.0961, 81.7986

Tritanomaly

28.3322, 29.0208, 52.8235

Monochromacy



Original Color

34.2576, 29.2078, 82.4294

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.7131, 29.1711, 47.2446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2576, 29.2078, 82.4294 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(137, 137, 235)` looks like.

```
.text, #text, p{  
    color:rgb(137, 137, 235)  
}
```

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(137, 137, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 137, 235) }
```

Border

The CSS property to change the border of an element to XYZ 34.2576, 29.2078, 82.4294 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(137, 137, 235) }
```


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

```
.border{ border-color:rgb(137, 137, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 137, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 137, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 137, 235);  
box-shadow:4px 4px 4px 4px rgb(137, 137,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2576, 29.2078, 82.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 137, 235) }
```

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

```
.background{ background-color: rgb(137,  
137, 235) }
```

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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