

Converting Colors

XYZ(34.2286, 30.7844, 79.7392)

Have a look what the booklet for
XYZ(34.2286, 30.7844, 79.7392)
contains.

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Color

**XYZ(34.2286, 30.7844,
79.7392)**

Conversions

Conversions Part 1

Format	Color
Hex	8690E7
RGB	134, 144, 231
RGB Percent	53%, 56%, 91%
CMY	0.4745, 0.4353, 0.0941
CMYK	0.42, 0.38, 0.00, 0.09
HSL	234°, 67%, 72%
HSV	234°, 42%, 91%
XYZ	34.2286, 30.7844, 79.7392
YIQ	150.9280, -33.8870, 24.9370

Conversions

Conversions Part 2

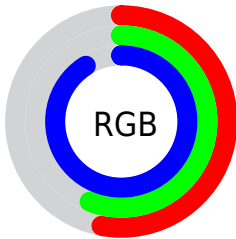
Format	Color
RYB	134, 143, 231
Decimal	8818919
CIELab	62.33, 18.12, -45.23
CIELCh	62, 48.726, 291.833
Yxy	30.7844, 0.2365, 0.2127
Android (android.graphics.Color)	4287008999 (0xFF8690E7)
YUV	150.9280, 39.4755, -14.8459
Hunter-Lab	55.4837, 13.0225, -46.3709

Details

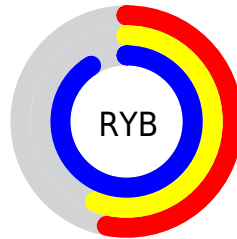
The XYZ color **34.2286, 30.7844, 79.7392** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **63.1158, 70.4247, 32.8226**, and the grayscale version is **29.2326, 30.7550, 33.4922**.

A 20% lighter version of the original color is **59.7299, 58.6845, 102.7869**, and **14.8825, 12.7203, 42.2283** is the 20% darker color. If you saturate the color by 10%, you get **28.0856, 23.3792, 78.6342**, and if you desaturate by 10%, it is **41.7539, 39.7581, 81.0753**.

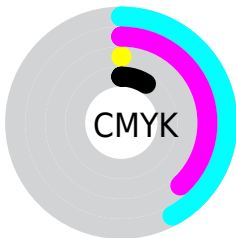
Distribution



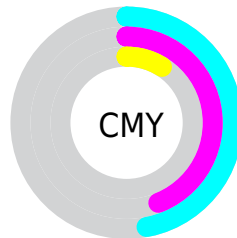
- Red (53%)
- Green (56%)
- Blue (91%)



- Red (53%)
- Yellow (56%)
- Blue (91%)



- Cyan (42%)
- Magenta (38%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2286, 30.7844, 79.7392 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 34.2286, 30.7844, 79.7392 by changing the saturation by 10% instead.

■ 34.2286, 30.7844,
79.7392

■ 34.2286, 30.7844,
79.7392

312.7182,
305.5438, 513.7371

■ 23.2330, 20.4347,
58.9789

■ 65.6309, 60.9005,
134.8071

■ 14.8873, 12.7114,
42.1762

■ 86.7684, 81.4357,
169.9517

■ 8.8261, 7.2301,
28.9127

■ 112.0171,
106.1348, 210.7282

■ 4.6841, 3.6064,
18.7698

141.7426,
135.3823, 257.5550

■ 2.0960, 1.4559,
11.3289

176.3100,
169.5626, 310.8508

■ 0.6870, 0.2574,
6.1716

216.0849,

■ 0.0000, 0.0000,

209.0600, 371.0340

2.8792

261.4325,
254.2589, 438.5233

■ 0.0000, 0.0000,
1.0333

■ 0.0000, 0.0000,
0.0000

■ 34.2286, 30.7844,
79.7392

■ 34.2286, 30.7844,
79.7392

■ 28.0856, 23.3792,
78.6342

■ 41.7539, 39.7581,
81.0753

■ 23.2369, 17.4488,
77.7451

■ 50.7352, 50.3799,
82.6521

■ 19.5900, 12.8946,
77.0583

■ 61.2453, 62.7283,
84.4817

■ 17.0381, 9.6045,
76.5577

■ 73.3508, 76.8755,
86.5743

■ 15.4555, 7.4483,
76.2249

■ 87.1148, 92.8897,
88.9399

■ 14.7467, 6.4151,
76.0628

■ 91.4239, 98.5496,
89.8053

Harmonies

Analogous

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



27.4965, 30.7844, 83.7878



34.2286, 30.7844, 79.7392



40.3930, 30.7844, 61.3108

Triad

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



34.2286, 30.7844, 79.7392



37.8074, 30.7844, 12.3202



18.4255, 30.7844, 28.6243

Complementary

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



34.2286, 30.7844, 79.7392



63.1158, 70.4247, 32.8226

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.



20.3867, 30.7844, 15.7255



34.2286, 30.7844, 79.7392



31.0966, 30.7844, 8.9044

Square

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



34.2286, 30.7844, 79.7392



42.6657, 30.7844, 21.7552



24.7965, 30.7844, 9.8601



19.0047, 30.7844, 48.9041

Rectangle

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



34.2286, 30.7844, 79.7392



43.0231, 30.7844, 46.1519



24.7965, 30.7844, 9.8601



18.7976, 30.7844, 23.4314

Sweetspot

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



34.2298, 30.7855, 79.7399



75.1257, 76.7208, 105.4568



51.2848, 67.3715, 77.7923



15.4292, 15.6580, 22.4590



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.



34.2298, 30.7855, 79.7399



36.3493, 30.7149, 98.6205



39.7848, 31.4998, 79.5850



13.7018, 14.1250, 18.1486



8.3090, 3.6801, 42.6556



0.6546, 0.3531, 3.1656

Inverse Universe

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



46.5152, 36.0541, 30.8941



53.6752, 38.4807, 29.6585



55.0812, 70.3190, 33.2257



14.4371, 14.3920, 15.2360



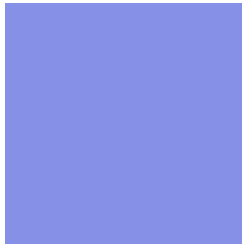
18.5875, 9.5692, 1.4569



1.3940, 0.7153, 0.2156

Previews

White Background



This preview shows how the XYZ color 34.2286, 30.7844, 79.7392 looks on a white background.

Color Contrast Check

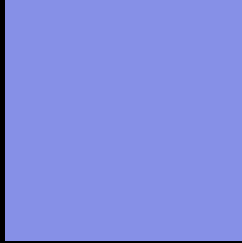
Large Text (above 18pt) WCAG AA × Fail

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 34.2286, 30.7844, 79.7392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

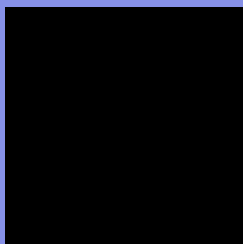
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2286, 30.7844, 79.7392

Background



This preview shows how black text looks on a background with the XYZ color 34.2286, 30.7844, 79.7392.



This preview shows how white text looks on a background with the XYZ color 34.2286, 30.7844,

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

34.2286, 30.7844, 79.7392

Protanopia

33.0489, 31.0423, 82.0918

Deuteranopia

31.7448, 30.9054, 79.1551



Tritanopia

26.6896, 30.8301, 42.0802

Trichromacy



Original Color

34.2286, 30.7844, 79.7392

Protanomaly

33.4539, 31.0357, 81.3181

Deuteranomaly

32.4806, 30.8149, 79.0989

Tritanomaly

29.0548, 30.5473, 54.2340

Monochromacy



Original Color

34.2286, 30.7844, 79.7392

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.5052, 30.4948, 47.4583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2286, 30.7844, 79.7392 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(134, 144, 231)` looks like.

```
.text, #text, p{  
    color:rgb(134, 144, 231)  
}
```

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(134, 144, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 144, 231) }
```

Border

The CSS property to change the border of an element to XYZ 34.2286, 30.7844, 79.7392 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(134, 144, 231) }
```


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

```
.border{ border-color:rgb(134, 144, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 144, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 144, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 144, 231);  
box-shadow:4px 4px 4px 4px rgb(134, 144,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2286, 30.7844, 79.7392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 144, 231) }
```

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

```
.background{ background-color: rgb(134,  
144, 231) }
```

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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