

Converting Colors

XYZ(34.4796, 27.8927, 82.1638)

Have a look what the booklet for
XYZ(34.4796, 27.8927, 82.1638)
contains.

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Color

**XYZ(34.4796, 27.8927,
82.1638)**

Conversions

Conversions Part 1

Format	Color
Hex	9082EB
RGB	144, 130, 235
RGB Percent	56%, 51%, 92%
CMY	0.4353, 0.4902, 0.0784
CMYK	0.39, 0.45, 0.00, 0.08
HSL	248°, 72%, 72%
HSV	248°, 45%, 92%
XYZ	34.4796, 27.8927, 82.1638
YIQ	146.1560, -25.3610, 35.6230

Conversions

Conversions Part 2

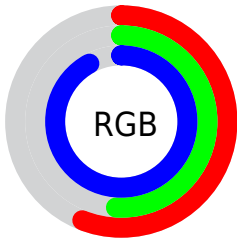
Format	Color
RYB	144, 130, 235
Decimal	9470699
CIELab	59.79, 29.91, -51.41
CIElCh	60, 59.475, 300.191
Yxy	27.8927, 0.2386, 0.1930
Android (android.graphics.Color)	4287660779 (0xFF9082EB)
YUV	146.1560, 43.8001, -1.8908
Hunter-Lab	52.8135, 24.1110, -55.2700

Details

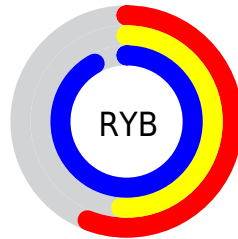
The XYZ color **34.4796, 27.8927, 82.1638** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **63.5565, 76.4008, 32.5169**, and the grayscale version is **27.2200, 28.6375, 31.1863**.

A 20% lighter version of the original color is **59.0709, 53.5045, 101.8218**, and **15.0298, 11.0667, 43.9918** is the 20% darker color. If you saturate the color by 10%, you get **28.4613, 20.6682, 81.0871**, and if you desaturate by 10%, it is **41.8555, 36.8774, 83.5098**.

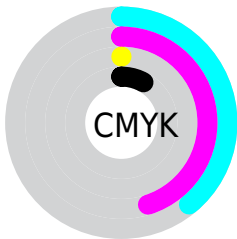
Distribution



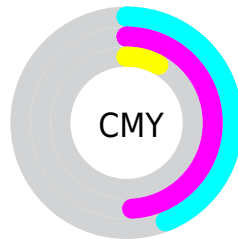
- Red (56%)
- Green (51%)
- Blue (92%)



- Red (56%)
- Yellow (51%)
- Blue (92%)



- Cyan (39%)
- Magenta (45%)
- Yellow (0%)
- Black (8%)



- Cyan (44%)
- Magenta (49%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4796, 27.8927, 82.1638 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 34.4796, 27.8927, 82.1638 by changing the saturation by 10% instead.

■ 34.4796, 27.8927,
82.1638

■ 34.4796, 27.8927,
82.1638

313.8137,
291.9538, 522.0933

■ 23.4269, 18.2448,
60.9640

■ 66.0181, 56.3131,
138.2424

■ 15.0315, 11.1259,
43.7657

■ 87.2347, 75.8544,
173.9583

■ 8.9279, 6.1516,
30.1505

■ 112.5700, 99.4622,
215.3499

■ 4.7509, 2.9375,
19.6998

142.3892,
127.5210, 262.8358

■ 2.1351, 1.0992,
11.9951

177.0579,
160.4152, 316.8346

■ 0.7082, 0.0000,
6.6179

216.9413,

■ 0.0000, 0.0000,

198.5291, 377.7647

3.1495

262.4048,
242.2472, 446.0448

■ 0.0000, 0.0000,
1.1715

■ 0.0000, 0.0000,
0.0000

■ 34.4796, 27.8927,
82.1638

■ 34.4796, 27.8927,
82.1638

■ 28.4613, 20.6682,
81.0871

■ 41.8555, 36.8774,
83.5098

■ 23.7136, 15.0847,
80.2596

■ 50.6622, 47.7250,
85.1394

■ 20.1443, 11.0127,
79.6617

■ 60.9716, 60.5337,
87.0684

■ 17.6470, 8.3017,
79.2701

■ 72.8496, 75.3939,
89.3107

■ 16.0950, 6.7694,
79.0561

■ 86.3585, 92.3906,
91.8794

■ 15.5708, 6.2948,
78.9921

■ 91.9955, 98.7782,
92.8152

Harmonies

Analogous

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



26.5594, 27.8927, 93.5755



34.4796, 27.8927, 82.1638



41.1640, 27.8927, 56.0009

Triad

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



34.4796, 27.8927, 82.1638



34.3803, 27.8927, 6.7281



14.5078, 27.8927, 30.5086

Complementary

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



34.4796, 27.8927, 82.1638



63.5565, 76.4008, 32.5169

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.



15.8277, 27.8927, 14.0683



34.4796, 27.8927, 82.1638



26.4630, 27.8927, 4.9126

Square

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



34.4796, 27.8927, 82.1638



41.0994, 27.8927, 13.9257



19.8760, 27.8927, 6.7788



15.8618, 27.8927, 56.3610

Rectangle

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



34.4796, 27.8927, 82.1638



43.4916, 27.8927, 37.9974



19.8760, 27.8927, 6.7788



14.6498, 27.8927, 23.8391

Sweetspot

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



34.4807, 27.8937, 82.1645



75.5804, 75.5954, 105.2156



50.0585, 62.4576, 88.0149



15.5396, 15.3851, 22.4005



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.



34.4807, 27.8937, 82.1645



34.5449, 25.2186, 97.6547



45.8740, 33.7672, 82.6977



14.4179, 14.6452, 18.9892



8.7257, 3.5342, 43.9652



0.7447, 0.3082, 3.4551

Inverse Universe

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



55.2951, 38.8486, 72.9901



62.8695, 40.1459, 84.2788



49.9934, 69.4088, 31.8822



15.6234, 15.2772, 18.5679



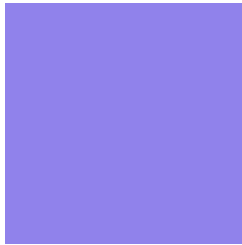
25.1456, 12.2609, 32.8979



1.9985, 0.9724, 2.7096

Previews

White Background



This preview shows how the XYZ color 34.4796, 27.8927, 82.1638 looks on a white background.

Color Contrast Check

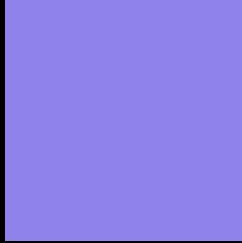
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4796, 27.8927, 82.1638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

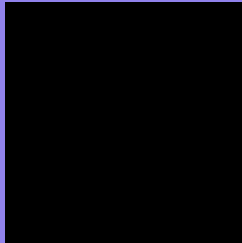
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4796, 27.8927, 82.1638

Background



This preview shows how black text looks on a background with the XYZ color 34.4796, 27.8927, 82.1638.



This preview shows how white text looks on a background with the XYZ color 34.4796, 27.8927,

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

34.4796, 27.8927, 82.1638

Protanopia

31.0051, 28.0014, 90.1569

Deuteranopia

28.9524, 28.0480, 80.2318



Tritanopia

25.2959, 27.8063, 36.8348

Trichromacy



Original Color

34.4796, 27.8927, 82.1638

Protanomaly

31.7516, 27.6040, 86.8737

Deuteranomaly

30.4961, 27.7279, 80.8355

Tritanomaly

28.1674, 27.6242, 50.8611

Monochromacy



Original Color

34.4796, 27.8927, 82.1638

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.0910, 27.9903, 45.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4796, 27.8927, 82.1638 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(144, 130, 235)` looks like.

```
.text, #text, p{  
    color:rgb(144, 130, 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(144, 130, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 130, 235) }
```

Border

The CSS property to change the border of an element to XYZ 34.4796, 27.8927, 82.1638 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(144, 130, 235) }
```


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

```
.border{ border-color:rgb(144, 130, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 130, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 130, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 130, 235);  
box-shadow:4px 4px 4px 4px rgb(144, 130,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4796, 27.8927, 82.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 130, 235) }
```

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

```
.background{ background-color: rgb(144,  
130, 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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