

Converting Colors

XYZ(35.4810, 28.7231, 86.1121)

Have a look what the booklet for
XYZ(35.4810, 28.7231, 86.1121)
contains.

| | |
|--|----|
| XYZ(35.4810, 28.7231, 86.1121) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(35.4810, 28.7231,
86.1121)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9084F0 |
| RGB | 144, 132, 240 |
| RGB Percent | 56%, 52%, 94% |
| CMY | 0.4353, 0.4823, 0.0588 |
| CMYK | 0.40, 0.45, 0.00, 0.06 |
| HSL | 247°, 78%, 73% |
| HSV | 247°, 45%, 94% |
| XYZ | 35.4810, 28.7231, 86.1121 |
| YIQ | 147.9000, -27.5160, 36.1320 |

Conversions

Conversions Part 2

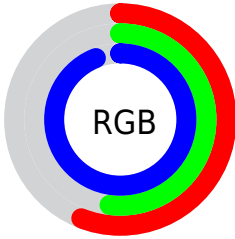
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 144, 132, 240 |
| Decimal | 9471216 |
| CIELab | 60.54, 30.12, -52.99 |
| CIELCh | 61, 60.955, 299.610 |
| Yxy | 28.7231, 0.2360, 0.1911 |
| Android (android.graphics.Color) | 4287661296 (0xFF9084F0) |
| YUV | 147.9000, 45.4053, -3.4203 |
| Hunter-Lab | 53.5939, 24.3837, -57.7485 |

Details

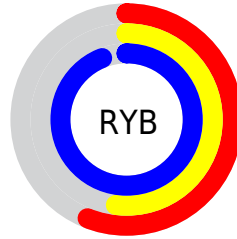
The XYZ color **35.4810, 28.7231, 86.1121** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **67.3199, 80.4804, 33.8168**, and the grayscale version is **27.9327, 29.3874, 32.0029**.

A 20% lighter version of the original color is **59.4864, 54.3354, 101.9603**, and **15.5890, 11.5282, 46.2033** is the 20% darker color. If you saturate the color by 10%, you get **29.2125, 21.2036, 84.9916**, and if you desaturate by 10%, it is **43.2044, 38.1046, 87.5164**.

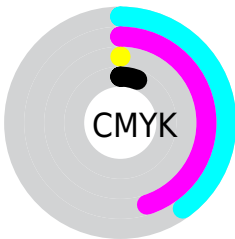
Distribution



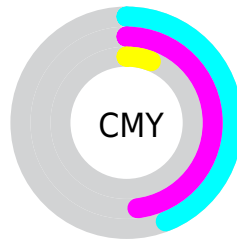
- Red (56%)
- Green (52%)
- Blue (94%)



- Red (56%)
- Yellow (52%)
- Blue (94%)



- Cyan (40%)
- Magenta (45%)
- Yellow (0%)
- Black (6%)



- Cyan (44%)
- Magenta (48%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4810, 28.7231, 86.1121 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 35.4810, 28.7231, 86.1121 by changing the saturation by 10% instead.

■ 35.4810, 28.7231,
86.1121

■ 35.4810, 28.7231,
86.1121

318.1573,
295.9062, 535.5410

■ 24.2019, 18.8715,
64.2052

■ 67.5594, 57.6369,
143.8138

■ 15.6090, 11.5774,
46.3697

■ 89.0893, 77.4677,
180.4458

■ 9.3370, 6.4566,
32.1869

■ 114.7669,
101.3938, 222.8232

■ 5.0205, 3.1247,
21.2383

144.9576,
129.7995, 271.3646

■ 2.2942, 1.1972,
13.1054

180.0266,
163.0692, 326.4886

■ 0.7917, 0.0594,
7.3696

220.3393,

■ 0.0000, 0.0000,

201.5873, 388.6136

3.6123

266.2611,
245.7382, 458.1582

■ 0.0000, 0.0000,
1.4152

■ 0.0000, 0.0000,
0.1535

■ 35.4810, 28.7231,
86.1121

■ 35.4810, 28.7231,
86.1121

■ 29.2125, 21.2036,
84.9916

■ 43.2044, 38.1046,
87.5164

■ 24.3035, 15.4186,
84.1337

■ 52.4629, 49.4580,
89.2199

■ 20.6529, 11.2289,
83.5175

■ 63.3350, 62.8886,
91.2392

■ 18.1435, 8.4730,
83.1178

■ 75.8928, 78.4929,
93.5893

■ 16.6349, 6.9539,
82.9041

■ 90.2040, 96.3616,
96.2840

■ 16.1716, 6.5199,
82.8447

■ 92.7283, 99.0713,
96.6740

Harmonies

Analogous

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



27.1977, 28.7231, 97.7141



35.4810, 28.7231, 86.1121



42.5453, 28.7231, 58.7215

Triad

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



35.4810, 28.7231, 86.1121



35.6937, 28.7231, 6.8075



14.7917, 28.7231, 30.9808

Complementary

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



35.4810, 28.7231, 86.1121



67.3199, 80.4804, 33.8168

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.



16.2167, 28.7231, 14.0743



35.4810, 28.7231, 86.1121



27.4035, 28.7231, 4.8724

Square

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



35.4810, 28.7231, 86.1121



42.6838, 28.7231, 14.3762



20.4851, 28.7231, 6.7014



16.1441, 28.7231, 57.9479

Rectangle

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



35.4810, 28.7231, 86.1121



45.0543, 28.7231, 39.7597



20.4851, 28.7231, 6.7014



14.9569, 28.7231, 24.0917

Sweetspot

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



35.4821, 28.7241, 86.1128



75.3495, 75.4764, 105.2048



53.3193, 67.3469, 92.6276



15.4835, 15.3562, 22.3979



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.



35.4821, 28.7241, 86.1128



34.0565, 24.9668, 97.6318



46.9538, 34.6380, 86.6497



15.0603, 15.3128, 19.8835



8.9066, 3.5969, 45.3527



0.7943, 0.3267, 3.7754

Inverse Universe

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



58.1905, 40.6299, 78.1735



63.3196, 40.3259, 86.6493



53.0498, 73.1239, 33.1490



16.3742, 15.9994, 19.5266



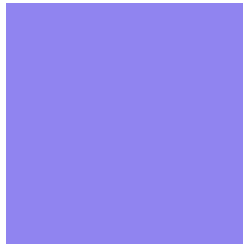
26.3000, 12.7924, 35.8260



2.2093, 1.0728, 3.0931

Previews

White Background



This preview shows how the XYZ color 35.4810, 28.7231, 86.1121 looks on a white background.

Color Contrast Check

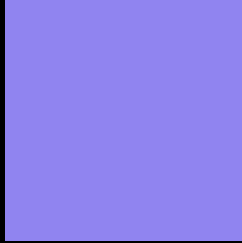
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4810, 28.7231, 86.1121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

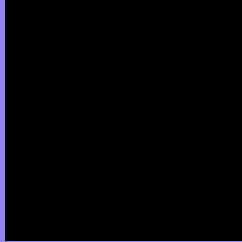
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4810, 28.7231, 86.1121

Background



This preview shows how black text looks on a background with the XYZ color 35.4810, 28.7231, 86.1121.



This preview shows how white text looks on a background with the XYZ color 35.4810, 28.7231,

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

35.4810, 28.7231, 86.1121

Protanopia

32.0739, 28.9008, 94.3304

Deuteranopia

29.7814, 28.8459, 84.1189



Tritanopia

25.8854, 28.7813, 38.3735

Trichromacy



Original Color

35.4810, 28.7231, 86.1121

Protanomaly

32.7933, 28.4756, 90.9567

Deuteranomaly

31.3879, 28.5378, 84.7429

Tritanomaly

28.6324, 28.2682, 52.6624

Monochromacy



Original Color

35.4810, 28.7231, 86.1121

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.0461, 28.8852, 47.7079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4810, 28.7231, 86.1121 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, 132, 240)` looks like.

```
.text, #text, p{  
    color:rgb(144, 132, 240)  
}
```

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, 132, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 132, 240) }
```

Border

The CSS property to change the border of an element to XYZ 35.4810, 28.7231, 86.1121 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, 132, 240) }
```


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

```
.border{ border-color:rgb(144, 132, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 132, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 132, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 132, 240);  
box-shadow:4px 4px 4px 4px rgb(144, 132,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4810, 28.7231, 86.1121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 132, 240) }
```

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

```
.background{ background-color: rgb(144,  
132, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor