

Converting Colors

XYZ(41.9316, 44.4784, 81.9764)

Have a look what the booklet for
XYZ(41.9316, 44.4784, 81.9764)
contains.

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Color

**XYZ(41.9322, 44.4800,
81.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB5E7
RGB	141, 181, 231
RGB Percent	55%, 71%, 91%
CMY	0.4470, 0.2902, 0.0941
CMYK	0.39, 0.22, 0.00, 0.09
HSL	213°, 65%, 73%
HSV	213°, 39%, 91%
XYZ	41.9322, 44.4800, 81.9767
YIQ	174.7400, -39.8900, 7.0700

Conversions

Conversions Part 2

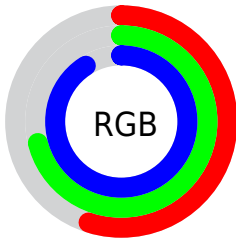
Format	Color
R _Y B	141, 169, 231
Decimal	9287143
CIE Lab	72.55, -1.04, -29.28
CIE LCh	73, 29.294, 267.965
Yxy	44.4800, 0.2490, 0.2642
Android (android.graphics.Color)	4287477223 (0xFF8DB5E7)
YUV	174.7400, 27.7362, -29.5900
Hunter-Lab	66.6933, -4.4847, -26.1915

Details

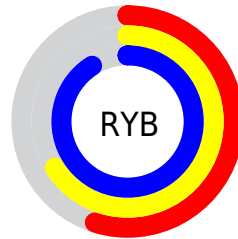
The XYZ color **41.9322, 44.4800, 81.9767** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.3946, 56.1748, 33.0714**, and the grayscale version is **40.4905, 42.5991, 46.3905**.

A 20% lighter version of the original color is **71.3601, 79.6587, 106.2223**, and **19.2948, 20.5119, 43.4997** is the 20% darker color. If you saturate the color by 10%, you get **35.9162, 37.6825, 80.9825**, and if you desaturate by 10%, it is **49.0107, 52.1840, 83.0914**.

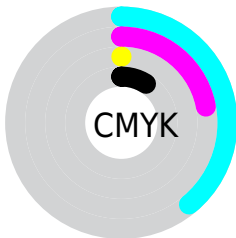
Distribution



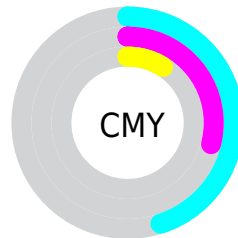
- Red (55%)
- Green (71%)
- Blue (91%)



- Red (55%)
- Yellow (66%)
- Blue (91%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9322, 44.4800, 81.9767 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 41.9322, 44.4800, 81.9767 by changing the saturation by 10% instead.

■ 41.9322, 44.4800,
81.9767

■ 41.9322, 44.4800,
81.9767

345.1982,
364.6634, 521.4512

■ 29.2391, 31.0480,
60.8106

■ 77.3628, 81.9395,
137.9777

■ 19.4069, 20.6354,
43.6428

■ 100.8310,
106.7359, 173.6497

■ 12.0704, 12.8578,
30.0547

128.6216,
136.0892, 214.9942

■ 6.8642, 7.3307,
19.6277

161.1000,
170.3838, 262.4295

■ 3.4229, 3.6698,
11.9433

198.6315,
210.0042, 316.3744

■ 1.3811, 1.4906,
6.5830

241.5814,

■ 0.2427, 0.2821,

255.3346, 377.2472

3.1283

290.3152,
306.7596, 445.4666

■ 0.0000, 0.0000,
1.1605

■ 0.0000, 0.0000,
0.0000

■ 41.9322, 44.4800,
81.9767

■ 41.9322, 44.4800,
81.9767

■ 35.9162, 37.6825,
80.9825

■ 49.0107, 52.1840,
83.0914

■ 30.9004, 31.7469,
80.1012

■ 57.2004, 60.8259,
84.3279

■ 26.8225, 26.6321,
79.3289

■ 66.5520, 70.4418,
85.6910

■ 23.6104, 22.2904,
78.6601

■ 77.1118, 81.0641,
87.1848

■ 21.1797, 18.6673,
78.0889

■ 88.3677, 92.4370,
88.7867

■ 19.4047, 15.6864,
77.6071

■ 91.4239, 98.5496,
89.8055

■ 19.2413, 15.4042,
77.5612

Harmonies

Analogous

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



37.3207, 44.4800, 76.1176



41.9322, 44.4800, 81.9767



47.0080, 44.4800, 77.4636

Triad

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



41.9322, 44.4800, 81.9767



51.4708, 44.4800, 36.4988



34.5500, 44.4800, 35.0972

Complementary

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



41.9322, 44.4800, 81.9767



56.3946, 56.1748, 33.0714

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.



37.8744, 44.4800, 27.7449



41.9322, 44.4800, 81.9767



47.6535, 44.4800, 28.4333

Square

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



41.9322, 44.4800, 81.9767



52.7706, 44.4800, 49.4278



42.6235, 44.4800, 25.5710



33.2756, 44.4800, 47.4480

Rectangle

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



41.9322, 44.4800, 81.9767



49.9271, 44.4800, 69.5995



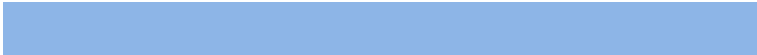
42.6235, 44.4800, 25.5710



35.4510, 44.4800, 32.0596

Sweetspot

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



41.9337, 44.4817, 81.9777



79.4892, 84.2804, 106.6860



48.9107, 66.5552, 59.2722



16.6799, 17.6969, 22.7867



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.



41.9337, 44.4817, 81.9777



46.1383, 48.5283, 101.5429



35.7155, 30.8862, 79.6813



14.1075, 14.9363, 18.2838



10.9063, 8.8748, 43.5213



0.8974, 0.8387, 3.2465

Inverse Universe

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



50.8216, 39.3764, 48.6396



59.0471, 42.2787, 52.8616



64.9057, 75.3255, 36.3193



14.6418, 14.4739, 16.3143



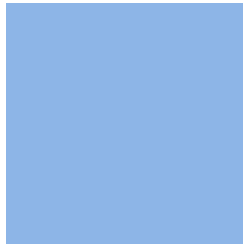
19.8985, 10.0936, 8.3606



1.5166, 0.7643, 0.8608

Previews

White Background



This preview shows how the XYZ color 41.9322, 44.4800, 81.9767 looks on a white background.

Color Contrast Check

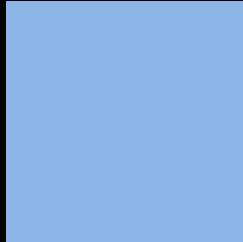
Large Text (above 18pt) WCAG AA × Fail

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 41.9322, 44.4800, 81.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

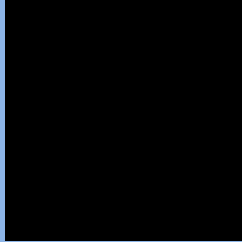
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

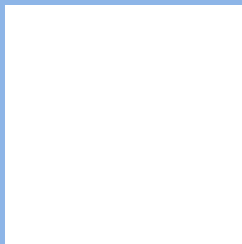
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9322, 44.4800, 81.9767

Background



This preview shows how black text looks on a background with the XYZ color 41.9322, 44.4800, 81.9767.



This preview shows how white text looks on a background with the XYZ color 41.9322, 44.4800,

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

41.9322, 44.4800, 81.9767

Protanopia

44.5049, 44.0985, 78.8392

Deuteranopia

45.4125, 44.4855, 82.5370



Tritanopia

37.7744, 44.3214, 61.8223

Trichromacy



Original Color

41.9322, 44.4800, 81.9767

Protanomaly

43.4360, 44.1136, 79.6242

Deuteranomaly

43.9979, 44.3384, 82.5832

Tritanomaly

39.1775, 44.2687, 68.7672

Monochromacy



Original Color

41.9322, 44.4800, 81.9767

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6767, 43.1709, 57.8187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9322, 44.4800, 81.9767 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(141, 181, 231)` looks like.

```
.text, #text, p{  
    color:rgb(141, 181, 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(141, 181, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 181, 231) }
```

Border

The CSS property to change the border of an element to XYZ 41.9322, 44.4800, 81.9767 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(141, 181, 231) }
```


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

```
.border{ border-color:rgb(141, 181, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 181, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 181, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 181, 231);  
box-shadow:4px 4px 4px 4px rgb(141, 181,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9322, 44.4800, 81.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 181, 231) }
```

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

```
.background{ background-color: rgb(141,  
181, 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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