

Converting Colors

XYZ(42.5619, 46.0131, 82.9821)

Have a look what the booklet for
XYZ(42.5619, 46.0131, 82.9821)
contains.

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Color

**XYZ(42.5619, 46.0131,
82.9821)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB9E8
RGB	139, 185, 232
RGB Percent	55%, 73%, 91%
CMY	0.4549, 0.2745, 0.0902
CMYK	0.40, 0.20, 0.00, 0.09
HSL	210°, 67%, 73%
HSV	210°, 40%, 91%
XYZ	42.5619, 46.0131, 82.9821
YIQ	176.6040, -42.5030, 4.8650

Conversions

Conversions Part 2

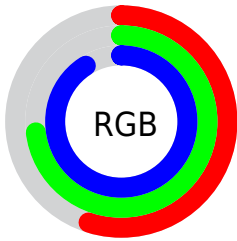
Format	Color
R _Y B	139, 170, 232
Decimal	9157096
CIE Lab	73.55, -3.48, -28.28
CIE LCh	74, 28.496, 262.985
Yxy	46.0131, 0.2481, 0.2682
Android (android.graphics.Color)	4287347176 (0xFF8BB9E8)
YUV	176.6040, 27.3102, -32.9787
Hunter-Lab	67.8330, -6.7076, -25.0482

Details

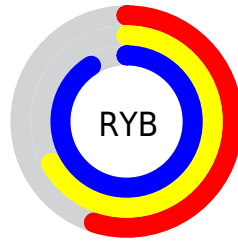
The XYZ color **42.5619, 46.0131, 82.9821** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.4988, 54.1388, 31.9523**, and the grayscale version is **41.4611, 43.6203, 47.5025**.

A 20% lighter version of the original color is **72.0110, 81.7327, 106.5883**, and **19.7439, 21.5219, 44.1878** is the 20% darker color. If you saturate the color by 10%, you get **36.7391, 39.5200, 82.0365**, and if you desaturate by 10%, it is **49.4119, 53.3381, 84.0357**.

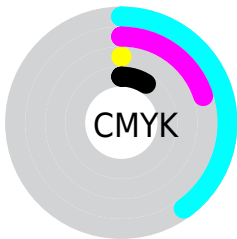
Distribution



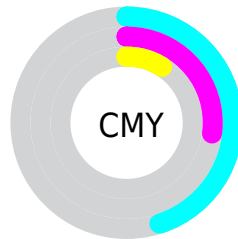
- Red (55%)
- Green (73%)
- Blue (91%)



- Red (55%)
- Yellow (67%)
- Blue (91%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5619, 46.0131, 82.9821 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 42.5619, 46.0131, 82.9821 by changing the saturation by 10% instead.

■ 42.5619, 46.0131,
82.9821

■ 42.5619, 46.0131,
82.9821

347.7591,
370.8613, 524.8963

■ 29.7346, 32.2562,
61.6349

■ 78.3092, 84.2386,
139.3994

■ 19.7843, 21.5572,
44.3038

■ 101.9598,
109.4760, 175.3065

■ 12.3457, 13.5319,
30.5705

129.9489,
139.3089, 216.9041

■ 7.0534, 7.7958,
20.0163

162.6419,
174.1218, 264.6105

■ 3.5422, 3.9646,
12.2227

200.4040,
214.2991, 318.8444

■ 1.4465, 1.6538,
6.7712

243.6007,

■ 0.2890, 0.3935,

260.2252, 380.0243

3.2431

292.5973,
312.2845, 448.5688

■ 0.0000, 0.0000,
1.2201

■ 0.0000, 0.0000,
0.0000

■ 42.5619, 46.0131,
82.9821

■ 42.5619, 46.0131,
82.9821

■ 36.7391, 39.5200,
82.0365

■ 49.4119, 53.3381,
84.0357

■ 31.8817, 33.8166,
81.1917

■ 57.3372, 61.5236,
85.1980

■ 27.9278, 28.8646,
80.4442

■ 66.3880, 70.6033,
86.4735

■ 24.8051, 24.6189,
79.7893

■ 76.6098, 80.6072,
87.8657

■ 22.4286, 21.0276,
79.2214

■ 88.0440, 91.5630,
89.3778

■ 20.6685, 18.0319,
78.7359

■ 91.5656, 98.6063,
90.5516

Harmonies

Analogous

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



38.1585, 46.0131, 75.6734



42.5619, 46.0131, 82.9821



47.6263, 46.0131, 80.2209

Triad

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



42.5619, 46.0131, 82.9821



53.2703, 46.0131, 40.0305



36.4473, 46.0131, 35.1880

Complementary

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



42.5619, 46.0131, 82.9821



55.4988, 54.1388, 31.9523

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.



40.0599, 46.0131, 28.6572



42.5619, 46.0131, 82.9821



49.8279, 46.0131, 31.0553

Square

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



42.5619, 46.0131, 82.9821



54.0686, 46.0131, 53.5648



44.9276, 46.0131, 27.3045



34.8082, 46.0131, 46.7888

Rectangle

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



42.5619, 46.0131, 82.9821



50.6757, 46.0131, 73.2546



44.9276, 46.0131, 27.3045



37.4572, 46.0131, 32.4252

Sweetspot

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



42.5634, 46.0149, 82.9832



79.9382, 85.1784, 106.8356



48.3152, 66.7272, 56.5107



16.7854, 17.9080, 22.8219



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.



42.5634, 46.0149, 82.9832



46.7614, 50.3772, 101.8669



34.4470, 29.7819, 80.2777



14.1687, 15.0587, 18.3042



11.5999, 10.2619, 43.7525



0.9500, 0.9440, 3.2641

Inverse Universe

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



51.2696, 39.1253, 50.7505



59.2145, 41.7824, 55.4795



66.7965, 76.7340, 35.7182



14.6727, 14.4863, 16.4769



20.2486, 10.2337, 10.2041



1.5432, 0.7750, 1.0008

Previews

White Background



This preview shows how the XYZ color 42.5619, 46.0131, 82.9821 looks on a white background.

Color Contrast Check

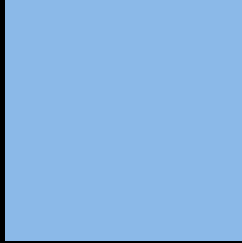
Large Text (above 18pt) WCAG AA × Fail

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 42.5619, 46.0131, 82.9821 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

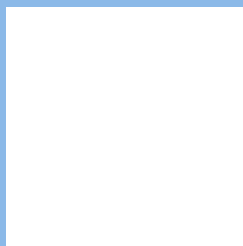
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5619, 46.0131, 82.9821

Background



This preview shows how black text looks on a background with the XYZ color 42.5619, 46.0131, 82.9821.



This preview shows how white text looks on a background with the XYZ color 42.5619, 46.0131,

82.9821.

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

42.5619, 46.0131, 82.9821

Protanopia

45.9340, 45.7117, 79.0753

Deuteranopia

46.9356, 45.8198, 84.2122



Tritanopia

38.9486, 46.1402, 64.6108

Trichromacy



Original Color

42.5619, 46.0131, 82.9821

Protanomaly

44.5714, 45.8730, 80.6340

Deuteranomaly

45.1298, 45.7948, 83.5515

Tritanomaly

40.2406, 46.0236, 71.0525

Monochromacy



Original Color

42.5619, 46.0131, 82.9821

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.5036, 44.4603, 59.2175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5619, 46.0131, 82.9821 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(139, 185, 232)` looks like.

```
.text, #text, p{  
    color:rgb(139, 185, 232)  
}
```

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(139, 185, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 185, 232) }
```

Border

The CSS property to change the border of an element to XYZ 42.5619, 46.0131, 82.9821 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(139, 185, 232) }
```


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

```
.border{ border-color:rgb(139, 185, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 185, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 185, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 185, 232);  
box-shadow:4px 4px 4px 4px rgb(139, 185,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5619, 46.0131, 82.9821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 185, 232) }
```

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

```
.background{ background-color: rgb(139,  
185, 232) }
```

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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