

Converting Colors

XYZ(43.1627, 46.3067, 70.3032)

Have a look what the booklet for
XYZ(43.1627, 46.3067, 70.3032)
contains.

XYZ(43.1827, 46.3041, 70.2799)	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(43.1827, 46.3041,
70.2799)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB8D6
RGB	157, 184, 214
RGB Percent	62%, 72%, 84%
CMY	0.3843, 0.2784, 0.1608
CMYK	0.27, 0.14, 0.00, 0.16
HSL	212°, 41%, 73%
HSV	212°, 27%, 84%
XYZ	43.1827, 46.3041, 70.2799
YIQ	179.3470, -25.7220, 3.6060

Conversions

Conversions Part 2

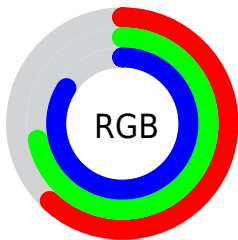
Format	Color
R _{YB}	157, 175, 214
Decimal	10336470
CIE Lab	73.74, -2.44, -18.12
CIE LCh	74, 18.279, 262.326
Yxy	46.3041, 0.2703, 0.2898
Android (android.graphics.Color)	4288526550 (0xFF9DB8D6)
YUV	179.3470, 17.0839, -19.5983
Hunter-Lab	68.0471, -5.8064, -13.6025

Details

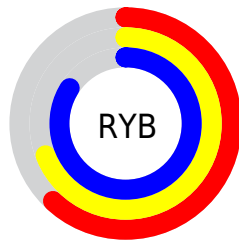
The XYZ color **43.1827, 46.3041, 70.2799** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.5883, 52.2714, 39.2699**, and the grayscale version is **42.9555, 45.1925, 49.2146**.

A 20% lighter version of the original color is **76.3615, 83.5372, 106.7074**, and **20.0832, 21.6789, 35.9268** is the 20% darker color. If you saturate the color by 10%, you get **37.1206, 39.8440, 69.3533**, and if you desaturate by 10%, it is **50.1652, 53.5174, 71.3050**.

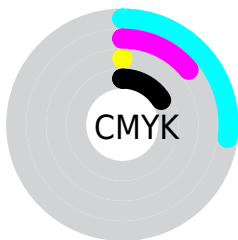
Distribution



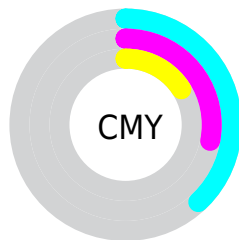
- Red (62%)
- Green (72%)
- Blue (84%)



- Red (62%)
- Yellow (69%)
- Blue (84%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1827, 46.3041, 70.2799 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 43.1827, 46.3041, 70.2799 by changing the saturation by 10% instead.

■ 43.1827, 46.3041,
70.2799

■ 43.1827, 46.3041,
70.2799

350.2714,
372.0299, 480.3478

■ 30.2236, 32.4859,
51.2765

■ 79.2405, 84.6739,
121.2927

■ 20.1573, 21.7329,
36.0505

■ 103.0699,
109.9943, 154.1392

■ 12.6184, 13.6608,
24.1832

131.2535,
139.9175, 192.4372

■ 7.2415, 7.8851,
15.2561

164.1566,
174.8280, 236.6051

■ 3.6612, 4.0215,
8.8507

202.1446,
215.1100, 287.0616

■ 1.5123, 1.6856,
4.5485

245.5828,

■ 0.3342, 0.4143,

261.1481, 344.2252

1.9308

294.8366,
313.3266, 408.5144

■ 0.0000, 0.0000,
0.5122

■ 0.0000, 0.0000,
0.0000

■ 43.1827, 46.3041,
70.2799

■ 43.1827, 46.3041,
70.2799

■ 37.1206, 39.8440,
69.3533

■ 50.1652, 53.5174,
71.3050

■ 31.9322, 34.1034,
68.5187

■ 58.1034, 61.5050,
72.4283

■ 27.5728, 29.0536,
67.7737

■ 67.0357, 70.2938,
73.6540

■ 23.9917, 24.6617,
67.1147

■ 76.9973, 79.9077,
74.9846

■ 21.1321, 20.8910,
66.5377

■ 84.6311, 88.6218,
76.2642

■ 18.9281, 17.7003,
66.0379

■ 88.0561, 95.4718,
77.4059

■ 17.2963, 15.0385,
65.6102

■ 89.1377, 97.6351,
77.7665

■ 16.8279, 14.2355,
65.4799

Harmonies

Analogous

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



40.3065, 46.3041, 65.9238



43.1827, 46.3041, 70.2799



46.4235, 46.3041, 68.8185

Triad

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



43.1827, 46.3041, 70.2799



50.0381, 46.3041, 43.9297



39.2548, 46.3041, 40.2661

Complementary

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



43.1827, 46.3041, 70.2799



51.5883, 52.2714, 39.2699

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.



41.6829, 46.3041, 35.6288



43.1827, 46.3041, 70.2799



47.9351, 46.3041, 37.5557

Square

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



43.1827, 46.3041, 70.2799



50.4880, 46.3041, 52.8414



44.8491, 46.3041, 34.7013



38.1124, 46.3041, 48.0685

Rectangle

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



43.1827, 46.3041, 70.2799



48.3468, 46.3041, 64.8155



44.8491, 46.3041, 34.7013



39.9418, 46.3041, 38.3268

Sweetspot

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



43.1841, 46.3060, 70.2810



84.6091, 89.6744, 107.4572



46.8631, 58.8265, 55.5913



17.7127, 18.7970, 22.9446



0.0000, 0.0000, 0.0000



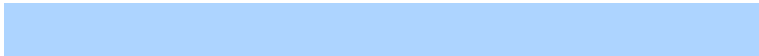
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.1841, 46.3060, 70.2810



58.9294, 63.2644, 103.7131



38.2864, 36.2343, 68.5951



12.2229, 12.9693, 15.7966



10.2739, 8.8096, 39.6121



0.7022, 0.6964, 2.4167

Inverse Universe

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



48.4414, 41.8720, 50.8784



68.1510, 56.0570, 69.5519



57.5883, 64.6819, 41.3491



12.6657, 12.5178, 14.1799



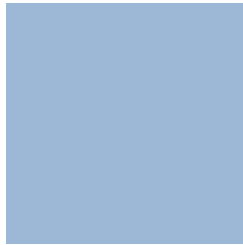
18.2447, 9.2342, 8.5924



1.1421, 0.5736, 0.7376

Previews

White Background



This preview shows how the XYZ color 43.1827, 46.3041, 70.2799 looks on a white background.

Color Contrast Check

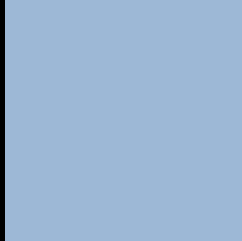
Large Text (above 18pt) WCAG AA × Fail

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 43.1827, 46.3041, 70.2799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

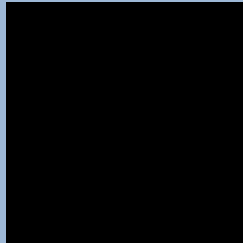
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

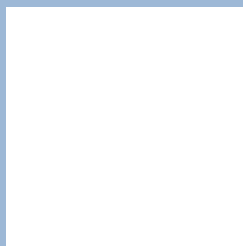
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1827, 46.3041, 70.2799

Background



This preview shows how black text looks on a background with the XYZ color 43.1827, 46.3041, 70.2799.



This preview shows how white text looks on a background with the XYZ color 43.1827, 46.3041,

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

43.1827, 46.3041, 70.2799

Protanopia

45.5572, 46.0573, 68.1168

Deuteranopia

47.1729, 46.2259, 71.4020



Tritanopia

41.4279, 46.2049, 61.9933

Trichromacy



Original Color

43.1827, 46.3041, 70.2799

Protanomaly

44.5560, 46.1260, 68.8422

Deuteranomaly

45.6003, 46.3195, 70.8271

Tritanomaly

42.0071, 46.1227, 65.0811

Monochromacy



Original Color

43.1827, 46.3041, 70.2799

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8329, 45.5114, 56.3962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1827, 46.3041, 70.2799 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(157, 184, 214)` looks like.

```
.text, #text, p{  
    color:rgb(157, 184, 214)  
}
```

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(157, 184, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 184, 214) }
```

Border

The CSS property to change the border of an element to XYZ 43.1827, 46.3041, 70.2799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

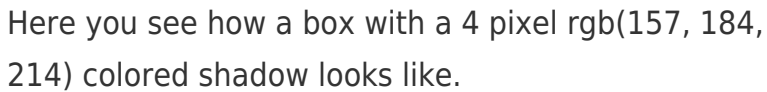
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 184, 214) }
```


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

```
.border{ border-color:rgb(157, 184, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 184, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 184, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 184, 214);  
box-shadow:4px 4px 4px 4px rgb(157, 184,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1827, 46.3041, 70.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 184, 214) }
```

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

```
.background{ background-color: rgb(157,  
184, 214) }
```

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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