

Converting Colors

XYZ(43.9343, 41.5638, 65.4859)

Have a look what the booklet for
XYZ(43.9343, 41.5638, 65.4859)
contains.

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Color

**XYZ(43.8438, 41.5298,
65.3797)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A6D0
RGB	180, 166, 208
RGB Percent	71%, 65%, 82%
CMY	0.2941, 0.3490, 0.1843
CMYK	0.13, 0.20, 0.00, 0.18
HSL	260°, 31%, 73%
HSV	260°, 20%, 82%
XYZ	43.8438, 41.5298, 65.3797
YIQ	174.9740, -5.1380, 16.0300

Conversions

Conversions Part 2

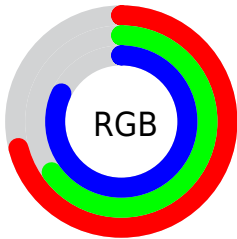
Format	Color
R _Y B	180, 166, 208
Decimal	11839184
CIE Lab	70.55, 13.29, -19.51
CIE LCh	71, 23.609, 304.259
Yxy	41.5298, 0.2908, 0.2755
Android (android.graphics.Color)	4290029264 (0xFFB4A6D0)
YUV	174.9740, 16.2818, 4.4078
Hunter-Lab	64.4436, 8.6650, -15.0407

Details

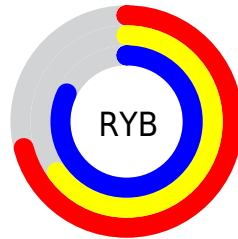
The XYZ color **43.8438, 41.5298, 65.3797** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.6882, 59.3352, 44.8069**, and the grayscale version is **40.6555, 42.7728, 46.5796**.

A 20% lighter version of the original color is **78.4985, 76.7658, 105.2877**, and **20.6024, 18.8797, 33.1301** is the 20% darker color. If you saturate the color by 10%, you get **37.2961, 32.9888, 64.0769**, and if you desaturate by 10%, it is **51.3286, 51.4637, 66.9033**.

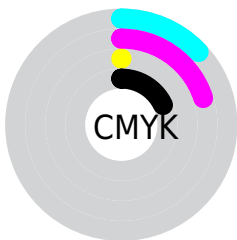
Distribution



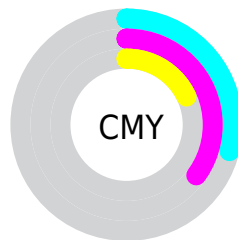
- Red (71%)
- Green (65%)
- Blue (82%)



- Red (71%)
- Yellow (65%)
- Blue (82%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8438, 41.5298, 65.3797 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 43.8438, 41.5298, 65.3797 by changing the saturation by 10% instead.

■ 43.8438, 41.5298,
65.3797

■ 43.8438, 41.5298,
65.3797

352.9335,
352.5301, 462.4987

■ 30.7451, 28.7333,
47.3157

■ 80.2305, 77.4875,
114.2141

■ 20.5557, 18.8792,
32.9292

■ 104.2491,
101.4175, 145.8216

■ 12.9102, 11.5830,
21.8015

132.6385,
129.8274, 182.7806

■ 7.4433, 6.4604,
13.5142

165.7640,
163.1017, 225.5098

■ 3.7897, 3.1270,
7.6487

203.9908,
201.6247, 274.4277

■ 1.5838, 1.1984,
3.7865

247.6845,

■ 0.3818, 0.0604,

245.7808, 329.9528

1.5089

297.2102,
295.9545, 392.5036

■ 0.0000, 0.0000,
0.2246

■ 0.0000, 0.0000,
0.0000

■ 43.8438, 41.5298,
65.3797

■ 43.8438, 41.5298,
65.3797

■ 37.2961, 32.9888,
64.0769

■ 51.3286, 51.4637,
66.9033

■ 31.6427, 25.7721,
62.9819

■ 59.7831, 62.8448,
68.6545

■ 26.8434, 19.8126,
62.0845

■ 69.2429, 75.7306,
70.6431

■ 22.8530, 15.0356,
61.3728

■ 79.7407, 90.1742,
72.8777

■ 19.6217, 11.3576,
60.8332

■ 86.3327, 96.2760,
73.7080

■ 17.0937, 8.6845,
60.4505

■ 88.3853, 97.3341,
73.8041

■ 15.2039, 6.9047,
60.2065

■ 13.8630, 5.8314,
60.0700

Harmonies

Analogous

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



40.0320, 41.5298, 70.1782



43.8438, 41.5298, 65.3797



46.6158, 41.5298, 55.1960

Triad

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



43.8438, 41.5298, 65.3797



42.8180, 41.5298, 28.5097



32.4608, 41.5298, 46.8316

Complementary

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



43.8438, 41.5298, 65.3797



51.6882, 59.3352, 44.8069

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.



33.0996, 41.5298, 36.5229



43.8438, 41.5298, 65.3797



38.9189, 41.5298, 27.0141

Square

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



43.8438, 41.5298, 65.3797



45.9967, 41.5298, 34.1805



35.4025, 41.5298, 29.6978



33.5969, 41.5298, 58.4096

Rectangle

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



43.8438, 41.5298, 65.3797



47.4092, 41.5298, 47.4002



35.4025, 41.5298, 29.6978



32.4756, 41.5298, 43.1055

Sweetspot

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



43.8451, 41.5315, 65.3806



86.7082, 88.7402, 107.1663



46.5604, 51.5583, 67.1729



18.3722, 18.7429, 22.8994



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.



43.8451, 41.5315, 65.3806



65.0869, 60.0407, 102.7663



48.9222, 44.1489, 65.6182



11.5297, 11.6064, 14.8762



8.7322, 3.6819, 37.4429



0.5717, 0.2489, 2.0975

Inverse Universe

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



49.3875, 44.5791, 57.0422



75.4251, 65.7297, 87.0073



46.8289, 56.8302, 44.5795



12.1363, 11.9393, 13.9935



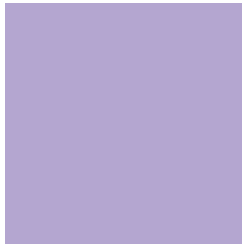
19.1484, 9.5322, 16.2193



1.1067, 0.5474, 1.0965

Previews

White Background



This preview shows how the XYZ color 43.8438, 41.5298, 65.3797 looks on a white background.

Color Contrast Check

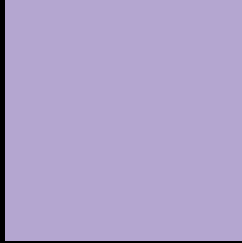
Large Text (above 18pt) WCAG AA × Fail

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 43.8438, 41.5298, 65.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

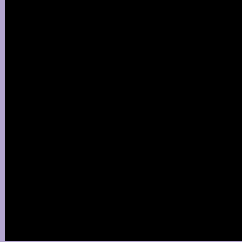
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8438, 41.5298, 65.3797

Background



This preview shows how black text looks on a background with the XYZ color 43.8438, 41.5298, 65.3797.



This preview shows how white text looks on a background with the XYZ color 43.8438, 41.5298,

65.3797.

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

43.8438, 41.5298, 65.3797

Protanopia

41.4250, 41.6155, 67.4773

Deuteranopia

42.4637, 41.6516, 64.8330



Tritanopia

40.9310, 41.4402, 51.1889

Trichromacy



Original Color

43.8438, 41.5298, 65.3797

Protanomaly

42.1830, 41.4641, 66.7529

Deuteranomaly

42.9443, 41.6242, 64.8024

Tritanomaly

41.9451, 41.5733, 56.2658

Monochromacy



Original Color

43.8438, 41.5298, 65.3797

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.8536, 42.4400, 52.9995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8438, 41.5298, 65.3797 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(180, 166, 208)` looks like.

```
.text, #text, p{  
    color:rgb(180, 166, 208)  
}
```

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(180, 166, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 166, 208) }
```

Border

The CSS property to change the border of an element to XYZ 43.8438, 41.5298, 65.3797 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(180, 166, 208) }
```


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

```
.border{ border-color:rgb(180, 166, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 166, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 166, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 166, 208);  
box-shadow:4px 4px 4px 4px rgb(180, 166,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8438, 41.5298, 65.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 166, 208) }
```

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

```
.background{ background-color: rgb(180,  
166, 208) }
```

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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