

Converting Colors

XYZ(43.4312, 40.0248, 81.7687)

Have a look what the booklet for
XYZ(43.4312, 40.0248, 81.7687)
contains.

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Color

**XYZ(43.5990, 40.2361,
81.8124)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A3E8
RGB	167, 163, 232
RGB Percent	65%, 64%, 91%
CMY	0.3451, 0.3608, 0.0902
CMYK	0.28, 0.30, 0.00, 0.09
HSL	243°, 60%, 77%
HSV	243°, 30%, 91%
XYZ	43.5990, 40.2361, 81.8124
YIQ	172.0620, -19.7650, 22.3070

Conversions

Conversions Part 2

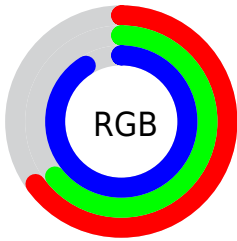
Format	Color
R _Y B	167, 163, 232
Decimal	10986472
CIE Lab	69.64, 16.48, -34.17
CIE LCh	70, 37.941, 295.752
Yxy	40.2361, 0.2632, 0.2429
Android (android.graphics.Color)	4289176552 (0xFFA7A3E8)
YUV	172.0620, 29.5494, -4.4394
Hunter-Lab	63.4319, 11.6835, -32.0679

Details

The XYZ color **43.5990, 40.2361, 81.8124** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.4636, 76.8525, 45.9303**, and the grayscale version is **39.1075, 41.1442, 44.8060**.

A 20% lighter version of the original color is **73.5528, 73.0508, 104.8313**, and **20.3310, 18.0142, 43.4798** is the 20% darker color. If you saturate the color by 10%, you get **35.6180, 30.5582, 80.3657**, and if you desaturate by 10%, it is **53.1185, 51.8306, 83.5493**.

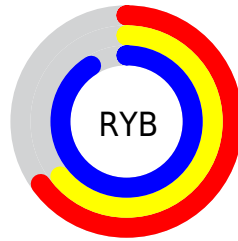
Distribution



Red (65%)

Green (64%)

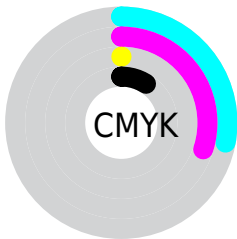
Blue (91%)



Red (65%)

Yellow (64%)

Blue (91%)

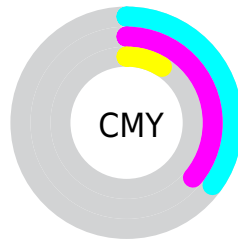


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (9%)



Cyan (35%)

Magenta (36%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5990, 40.2361, 81.8124 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 43.5990, 40.2361, 81.8124 by changing the saturation by 10% instead.

■ 43.5990, 40.2361,
81.8124

■ 43.5990, 40.2361,
81.8124

351.9493,
347.1177, 520.8869

■ 30.5519, 27.7227,
60.6760

■ 79.8641, 75.5229,
137.7452

■ 20.4080, 18.1167,
43.5349

■ 103.8128, 99.0651,
173.3787

■ 12.8020, 11.0338,
29.9705

132.1262,
127.0523, 214.6816

■ 7.3684, 6.0896,
19.5643

165.1694,
159.8689, 262.0726

■ 3.7419, 2.8996,
11.8978

203.3081,
197.8994, 315.9700

■ 1.5572, 1.0796,
6.5525

246.9073,

■ 0.3643, 0.0000,

241.5281, 376.7925

3.1097

296.3326,
291.1394, 444.9587

■ 0.0000, 0.0000,
1.1509

■ 0.0000, 0.0000,
0.0000

■ 43.5990, 40.2361,
81.8124

■ 43.5990, 40.2361,
81.8124

■ 35.6180, 30.5582,
80.3657

■ 53.1185, 51.8306,
83.5493

■ 29.0910, 22.6891,
79.1908

■ 64.2472, 65.4322,
85.5881

■ 23.9313, 16.5179,
78.2716

■ 77.0562, 81.1312,
87.9433

■ 20.0415, 11.9193,
77.5890

■ 91.3541, 98.4972,
90.5417

■ 17.3113, 8.7509,
77.1213

■ 91.5656, 98.6063,
90.5516

■ 15.6113, 6.8442,
76.8429

■ 14.7535, 5.9328,
76.7122

■ 14.7383, 5.9153,
76.7096

Harmonies

Analogous

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



37.3763, 40.2361, 86.8585



43.5990, 40.2361, 81.8124



48.8427, 40.2361, 65.6980

Triad

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



43.5990, 40.2361, 81.8124



45.2711, 40.2361, 21.4032



27.6473, 40.2361, 41.3559

Complementary

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



43.5990, 40.2361, 81.8124



67.4636, 76.8525, 45.9303

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.



29.3001, 40.2361, 27.4197



43.5990, 40.2361, 81.8124



39.1234, 40.2361, 18.0237

Square

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



43.5990, 40.2361, 81.8124



49.8782, 40.2361, 30.7140



33.3450, 40.2361, 19.8886



28.5748, 40.2361, 60.1830

Rectangle

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



43.5990, 40.2361, 81.8124



50.8495, 40.2361, 52.6593



33.3450, 40.2361, 19.8886



27.9143, 40.2361, 36.0127

Sweetspot

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



43.6004, 40.2377, 81.8133



80.6492, 82.3491, 106.2520



57.5659, 69.4037, 86.7069



16.7986, 17.0586, 22.6572



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.



43.6004, 40.2377, 81.8133



47.4423, 41.8676, 100.1885



51.7380, 44.4328, 82.1942



13.6598, 13.9268, 18.1125



8.2157, 3.3012, 42.5874



0.6345, 0.2581, 3.1483

Inverse Universe

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



60.3807, 48.9532, 79.6666



71.5778, 54.4075, 96.9081



57.7297, 71.8345, 45.4748



14.9571, 14.6000, 17.9747



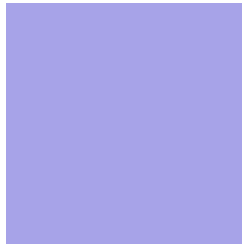
25.5573, 12.3571, 38.1592



1.8997, 0.9176, 2.8781

Previews

White Background



This preview shows how the XYZ color 43.5990, 40.2361, 81.8124 looks on a white background.

Color Contrast Check

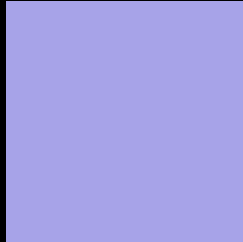
Large Text (above 18pt) WCAG AA × Fail

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 43.5990, 40.2361, 81.8124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

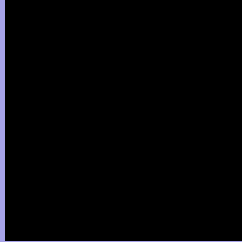
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5990, 40.2361, 81.8124

Background



This preview shows how black text looks on a background with the XYZ color 43.5990, 40.2361, 81.8124.



This preview shows how white text looks on a background with the XYZ color 43.5990, 40.2361,

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

43.5990, 40.2361, 81.8124

Protanopia

41.7206, 40.5454, 84.9840

Deuteranopia

41.3753, 40.4502, 81.2283



Tritanopia

37.7160, 40.3193, 52.2489

Trichromacy



Original Color

43.5990, 40.2361, 81.8124

Protanomaly

42.3419, 40.3385, 84.1517

Deuteranomaly

41.9647, 40.2101, 81.1508

Tritanomaly

39.6654, 40.2648, 62.1812

Monochromacy



Original Color

43.5990, 40.2361, 81.8124

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.5031, 40.8170, 56.7827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5990, 40.2361, 81.8124 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(167, 163, 232)` looks like.

```
.text, #text, p{  
    color:rgb(167, 163, 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(167, 163, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 163, 232) }
```

Border

The CSS property to change the border of an element to XYZ 43.5990, 40.2361, 81.8124 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(167, 163, 232) }
```


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

```
.border{ border-color:rgb(167, 163, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 163, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 163, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 163, 232);  
box-shadow:4px 4px 4px 4px rgb(167, 163,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5990, 40.2361, 81.8124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 163, 232) }
```

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

```
.background{ background-color: rgb(167,  
163, 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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