

Converting Colors

XYZ(43.1496, 40.3659, 77.4471)

Have a look what the booklet for
XYZ(43.1496, 40.3659, 77.4471)
contains.

XYZ(43.1514, 40.3667, 77.4687)	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(43.1514, 40.3667,
77.4687)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A4E2
RGB	168, 164, 226
RGB Percent	66%, 64%, 89%
CMY	0.3412, 0.3568, 0.1137
CMYK	0.26, 0.27, 0.00, 0.11
HSL	244°, 52%, 76%
HSV	244°, 27%, 89%
XYZ	43.1514, 40.3667, 77.4687
YIQ	172.2640, -17.5180, 20.1300

Conversions

Conversions Part 2

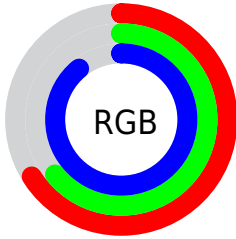
Format	Color
RYB	168, 164, 226
Decimal	11052258
CIELab	69.73, 14.76, -30.74
CIELCh	70, 34.097, 295.653
Yxy	40.3667, 0.2680, 0.2507
Android (android.graphics.Color)	4289242338 (0xFFA8A4E2)
YUV	172.2640, 26.4918, -3.7395
Hunter-Lab	63.5348, 10.0473, -27.8186

Details

The XYZ color **43.1514, 40.3667, 77.4687** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.0223, 72.6034, 45.7630**, and the grayscale version is **39.2238, 41.2665, 44.9392**.

A 20% lighter version of the original color is **74.1220, 73.7303, 104.9325**, and **20.1201, 18.1355, 40.4703** is the 20% darker color. If you saturate the color by 10%, you get **35.3197, 30.8501, 76.0453**, and if you desaturate by 10%, it is **52.4362, 51.7010, 79.1678**.

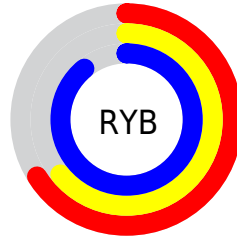
Distribution



Red (66%)

Green (64%)

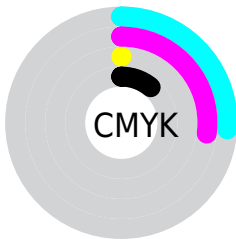
Blue (89%)



Red (66%)

Yellow (64%)

Blue (89%)

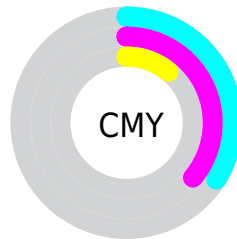


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (34%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1514, 40.3667, 77.4687 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 43.1514, 40.3667, 77.4687 by changing the saturation by 10% instead.

■ 43.1514, 40.3667,
77.4687

■ 43.1514, 40.3667,
77.4687

350.1450,
347.6667, 505.8406

■ 30.1990, 27.8246,
57.1238

■ 79.1936, 75.7216,
131.5799

■ 20.1385, 18.1935,
40.6946

■ 103.0140, 99.3031,
166.1833

■ 12.6046, 11.0890,
27.7626

131.1878,
127.3333, 206.3766

■ 7.2320, 6.1267,
17.9093

164.0804,
160.1964, 252.5784

■ 3.6552, 2.9223,
10.7161

202.0570,
198.2769, 305.2071

■ 1.5090, 1.0913,
5.7645

245.4831,

■ 0.3319, 0.0000,

241.9592, 364.6814

2.6360

294.7240,
291.6277, 431.4197

■ 0.0000, 0.0000,
0.9109

■ 0.0000, 0.0000,
0.0000

■ 43.1514, 40.3667,
77.4687

■ 43.1514, 40.3667,
77.4687

■ 35.3197, 30.8501,
76.0453

■ 52.4362, 51.7010,
79.1678

■ 28.8638, 23.0522,
74.8804

■ 63.2382, 64.9357,
81.1530

■ 23.7051, 16.8716,
73.9593

■ 75.6226, 80.1542,
83.4377

■ 19.7557, 12.1946,
73.2647

■ 89.6497, 97.4334,
86.0336

■ 16.9166, 8.8926,
72.7770

■ 90.7276, 98.2710,
86.1385

■ 15.0729, 6.8153,
72.4732

■ 14.0792, 5.7658,
72.3230

■ 13.9178, 5.5891,
72.2974

Harmonies

Analogous

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



37.5679, 40.3667, 81.7937



43.1514, 40.3667, 77.4687



47.8213, 40.3667, 63.4447

Triad

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



43.1514, 40.3667, 77.4687



44.6771, 40.3667, 23.3183



28.7215, 40.3667, 41.6869

Complementary

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



43.1514, 40.3667, 77.4687



64.0223, 72.6034, 45.7630

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.



30.2495, 40.3667, 28.9275



43.1514, 40.3667, 77.4687



39.1781, 40.3667, 20.0642

Square

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



43.1514, 40.3667, 77.4687



48.7598, 40.3667, 32.0556



33.9506, 40.3667, 21.8397



29.5676, 40.3667, 58.4795

Rectangle

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



43.1514, 40.3667, 77.4687



49.6042, 40.3667, 51.9289



33.9506, 40.3667, 21.8397



28.9702, 40.3667, 36.8378

Sweetspot

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



43.1527, 40.3683, 77.4696



82.2082, 84.2264, 106.5322



55.3994, 66.1064, 81.7921



17.1115, 17.4337, 22.7131



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.



43.1527, 40.3683, 77.4696



50.5522, 45.5518, 100.7357



50.3192, 44.0628, 77.8050



13.0335, 13.2853, 17.2651



7.9742, 3.2062, 41.2469



0.5820, 0.2373, 2.8604

Inverse Universe

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



57.8253, 47.9950, 75.3243



72.9627, 57.2044, 97.2862



55.6112, 68.2674, 45.3694



14.2548, 13.9196, 17.1122



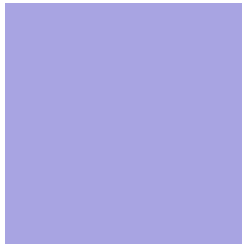
24.6482, 11.9263, 36.4089



1.7202, 0.8313, 2.5853

Previews

White Background



This preview shows how the XYZ color 43.1514, 40.3667, 77.4687 looks on a white background.

Color Contrast Check

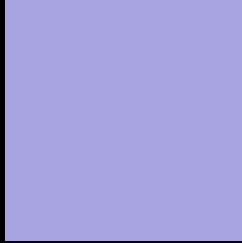
Large Text (above 18pt) WCAG AA × Fail

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 43.1514, 40.3667, 77.4687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

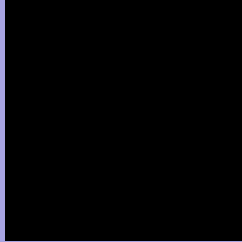
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1514, 40.3667, 77.4687

Background



This preview shows how black text looks on a background with the XYZ color 43.1514, 40.3667, 77.4687.



This preview shows how white text looks on a background with the XYZ color 43.1514, 40.3667,

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

43.1514, 40.3667, 77.4687

Protanopia

41.2824, 40.4347, 79.7576

Deuteranopia

41.4979, 40.6096, 76.8854



Tritanopia

38.0067, 40.4814, 51.7095

Trichromacy



Original Color

43.1514, 40.3667, 77.4687

Protanomaly

41.9229, 40.5080, 79.0080

Deuteranomaly

42.1073, 40.6507, 76.8612

Tritanomaly

39.7176, 40.3326, 60.3352

Monochromacy



Original Color

43.1514, 40.3667, 77.4687

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4970, 40.8396, 55.6176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1514, 40.3667, 77.4687 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(168, 164, 226)` looks like.

```
.text, #text, p{  
    color:rgb(168, 164, 226)  
}
```

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(168, 164, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 164, 226) }
```

Border

The CSS property to change the border of an element to XYZ 43.1514, 40.3667, 77.4687 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(168, 164, 226) }
```


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

```
.border{ border-color:rgb(168, 164, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 164, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 164, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 164, 226);  
box-shadow:4px 4px 4px 4px rgb(168, 164,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1514, 40.3667, 77.4687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 164, 226) }
```

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

```
.background{ background-color: rgb(168,  
164, 226) }
```

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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