

Converting Colors

XYZ(43.6432, 43.4126, 64.6790)

Have a look what the booklet for
XYZ(43.6432, 43.4126, 64.6790)
contains.

XYZ(43.5397, 43.3420, 64.4636)	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(43.5397, 43.3420,
64.4636)**

Conversions

Conversions Part 1

Format	Color
Hex	AEADCE
RGB	174, 173, 206
RGB Percent	68%, 68%, 81%
CMY	0.3176, 0.3216, 0.1922
CMYK	0.16, 0.16, 0.00, 0.19
HSL	242°, 25%, 74%
HSV	242°, 16%, 81%
XYZ	43.5397, 43.3420, 64.4636
YIQ	177.0610, -9.9970, 10.4750

Conversions

Conversions Part 2

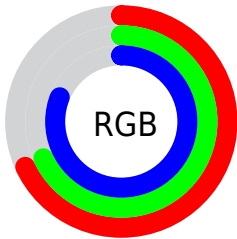
Format	Color
RYB	174, 173, 206
Decimal	11447758
CIELab	71.79, 7.05, -16.58
CIELCh	72, 18.017, 293.022
Yxy	43.3420, 0.2877, 0.2864
Android (android.graphics.Color)	4289637838 (0xFFAEADCE)
YUV	177.0610, 14.2669, -2.6845
Hunter-Lab	65.8346, 2.8402, -11.9710

Details

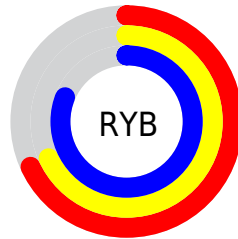
The XYZ color **43.5397, 43.3420, 64.4636** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.7924, 60.1400, 48.2574**, and the grayscale version is **41.7542, 43.9287, 47.8384**.

A 20% lighter version of the original color is **78.4265, 79.5298, 105.8250**, and **20.3900, 20.0067, 32.4928** is the 20% darker color. If you saturate the color by 10%, you get **35.7658, 33.9165, 63.0547**, and if you desaturate by 10%, it is **52.5872, 54.3303, 66.1084**.

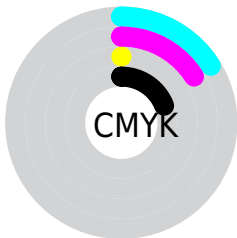
Distribution



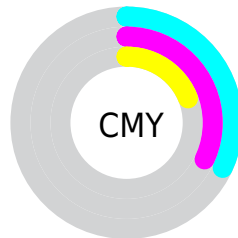
- Red (68%)
- Green (68%)
- Blue (81%)



- Red (68%)
- Yellow (68%)
- Blue (81%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (32%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5397, 43.3420, 64.4636 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 43.5397, 43.3420, 64.4636 by changing the saturation by 10% instead.

■ 43.5397, 43.3420,
64.4636

■ 43.5397, 43.3420,
64.4636

351.7106,
360.0164, 459.1152

■ 30.5052, 30.1535,
46.5777

■ 79.7753, 80.2267,
112.8842

■ 20.3723, 19.9552,
32.3500

103.7071,
104.6917, 144.2560

■ 12.7758, 12.3625,
21.3619

132.0020,
133.6844, 180.9601

■ 7.3503, 6.9910,
13.1950

165.0253,
167.5891, 223.4152

■ 3.7304, 3.4565,
7.4307

203.1425,
206.7903, 272.0397

■ 1.5508, 1.3744,
3.6504

246.7189,

■ 0.3600, 0.1978,

251.6723, 327.2521

1.4356

296.1198,
302.6195, 389.4711

■ 0.0000, 0.0000,
0.1692

■ 0.0000, 0.0000,
0.0000

■ 43.5397, 43.3420,
64.4636

■ 43.5397, 43.3420,
64.4636

■ 35.7658, 33.9165,
63.0547

■ 52.5872, 54.3303,
66.1084

■ 29.2046, 25.9779,
61.8682

■ 62.9576, 66.9423,
67.9962

■ 23.7961, 19.4518,
60.8936

■ 74.7026, 81.2419,
70.1372

■ 19.4738, 14.2555,
60.1184

■ 87.7407, 97.0301,
72.4975

■ 16.1642, 10.2975,
59.5289

■ 88.1407, 97.2363,
72.5162

■ 13.7848, 7.4749,
59.1095

■ 12.2404, 5.6683,
58.8422

■ 11.4138, 4.7292,
58.7045

■ 11.2187, 4.4965,
58.6699

Harmonies

Analogous

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



40.4845, 43.3420, 65.9740



43.5397, 43.3420, 64.4636



46.0772, 43.3420, 58.0721

Triad

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



43.5397, 43.3420, 64.4636



44.8371, 43.3420, 34.9688



35.6261, 43.3420, 45.1742

Complementary

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



43.5397, 43.3420, 64.4636



54.7924, 60.1400, 48.2574

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.



36.6710, 43.3420, 37.7637



43.5397, 43.3420, 64.4636



41.9143, 43.3420, 32.3630

Square

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



43.5397, 43.3420, 64.4636



46.8518, 43.3420, 40.9033



38.9365, 43.3420, 33.3190



36.0134, 43.3420, 54.0944

Rectangle

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



43.5397, 43.3420, 64.4636



47.0834, 43.3420, 52.2861



38.9365, 43.3420, 33.3190



35.8197, 43.3420, 42.4402

Sweetspot

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



43.5410, 43.3438, 64.4646



86.7131, 89.8631, 107.3828



50.3145, 57.2198, 66.7859



18.3189, 18.9412, 22.9404



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.



43.5410, 43.3438, 64.4646



66.2708, 65.0401, 103.6689



47.3333, 45.2988, 64.6420



10.6326, 10.8599, 14.1061



6.9228, 2.7764, 36.1273



0.3684, 0.1490, 1.8643

Inverse Universe

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



51.4180, 47.4185, 64.2021



81.2588, 72.7939, 103.1432



50.5893, 57.9732, 48.0607



11.6723, 11.3977, 14.0751



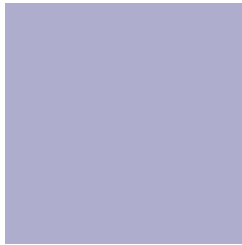
22.0833, 10.6439, 34.4867



1.1440, 0.5510, 1.8040

Previews

White Background



This preview shows how the XYZ color 43.5397, 43.3420, 64.4636 looks on a white background.

Color Contrast Check

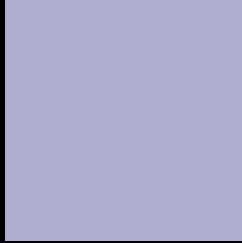
Large Text (above 18pt) WCAG AA × Fail

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 43.5397, 43.3420, 64.4636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

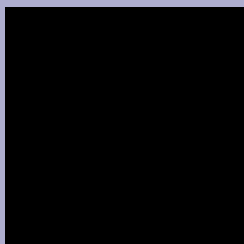
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5397, 43.3420, 64.4636

Background



This preview shows how black text looks on a background with the XYZ color 43.5397, 43.3420, 64.4636.



This preview shows how white text looks on a background with the XYZ color 43.5397, 43.3420,

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

43.5397, 43.3420, 64.4636

Protanopia

42.7607, 43.2121, 65.1185

Deuteranopia

44.2532, 43.4263, 64.4422



Tritanopia

41.6142, 43.4263, 54.9040

Trichromacy



Original Color

43.5397, 43.3420, 64.4636

Protanomaly

43.1931, 43.4350, 65.1388

Deuteranomaly

44.0246, 43.3084, 64.4315

Tritanomaly

42.3070, 43.4161, 58.3749

Monochromacy



Original Color

43.5397, 43.3420, 64.4636

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.5069, 43.9116, 53.8124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5397, 43.3420, 64.4636 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(174, 173, 206)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 206)  
}
```

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(174, 173, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 206) }
```

Border

The CSS property to change the border of an element to XYZ 43.5397, 43.3420, 64.4636 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(174, 173, 206) }
```


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

```
.border{ border-color:rgb(174, 173, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 206);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5397, 43.3420, 64.4636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 206) }
```

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

```
.background{ background-color: rgb(174,  
173, 206) }
```

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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