

Converting Colors

XYZ(44.6354, 41.2751, 54.1001)

Have a look what the booklet for
XYZ(44.6354, 41.2751, 54.1001)
contains.

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Color

**XYZ(44.6396, 41.3814,
54.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A3BE
RGB	194, 163, 190
RGB Percent	76%, 64%, 75%
CMY	0.2392, 0.3608, 0.2549
CMYK	0.00, 0.16, 0.02, 0.24
HSL	308°, 20%, 70%
HSV	308°, 16%, 76%
XYZ	44.6396, 41.3814, 54.3499
YIQ	175.3470, 9.8090, 14.9690

Conversions

Conversions Part 2

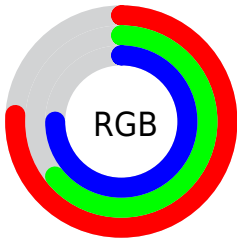
Format	Color
RYB	194, 163, 190
Decimal	12755902
CIELab	70.44, 16.06, -9.61
CIELCh	70, 18.716, 329.096
Yxy	41.3814, 0.3180, 0.2948
Android (android.graphics.Color)	4290945982 (0xFFC2A3BE)
YUV	175.3470, 7.2239, 16.3587
Hunter-Lab	64.3284, 11.2924, -5.0632

Details

The XYZ color **44.6396, 41.3814, 54.3499** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.3727, 49.1613, 43.8699**, and the grayscale version is **40.8885, 43.0178, 46.8464**.

A 20% lighter version of the original color is **81.4896, 77.3059, 97.8153**, and **21.0150, 18.7505, 26.1785** is the 20% darker color. If you saturate the color by 10%, you get **41.1849, 34.9056, 51.8602**, and if you desaturate by 10%, it is **48.6298, 48.9195, 57.0422**.

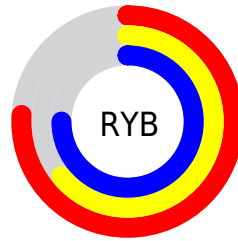
Distribution



Red (76%)

Green (64%)

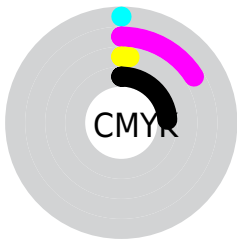
Blue (75%)



Red (76%)

Yellow (64%)

Blue (75%)

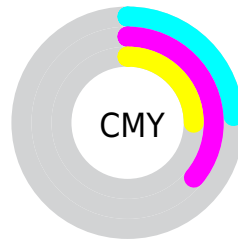


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6396, 41.3814, 54.3499 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 44.6396, 41.3814, 54.3499 by changing the saturation by 10% instead.


 44.6396, 41.3814,
54.3499

 44.6396, 41.3814,
54.3499


356.1203,
351.9122, 420.6552

 31.3737, 28.6172,
38.4864

 81.4197, 77.2625,
98.0494

 21.0368, 18.7914,
26.0557


 105.6647,
101.1483, 126.7224

 13.2635, 11.5197,
16.6391


134.3000,
129.5100, 160.5024

 7.6885, 6.4175,
9.8183


167.6911,
162.7321, 199.8079

 3.9464, 3.1006,
5.1746

206.2034,
201.1990, 245.0573

 1.6719, 1.1845,
2.2896

250.2021,

 0.4386, 0.0490,

245.2950, 296.6693

0.7254

300.0526,
295.4046, 355.0624

■ 0.0000, 0.0000,
0.0000

■ 44.6396, 41.3814,
54.3499

■ 44.6396, 41.3814,
54.3499

■ 41.1849, 34.9056,
51.8602

■ 48.6298, 48.9195,
57.0422

■ 38.2380, 29.4386,
49.5625

■ 53.1744, 57.5594,
59.9422

■ 35.7744, 24.9305,
47.4487

■ 58.2958, 67.3453,
63.0578

■ 33.7657, 21.3250,
45.5095

■ 64.0141, 78.3173,
66.3959

■ 32.1810, 18.5600,
43.7343

■ 68.7307, 87.2784,
69.4238

■ 30.9851, 16.5653,
42.1113

■ 69.0306, 87.3984,
71.0032

■ 30.1373, 15.2596,
40.6269

■ 69.3354, 87.5203,
72.6080

■ 29.5863, 14.5401,
39.2638

■ 69.6450, 87.6441,
74.2385

■ 29.4067, 14.3328,
38.7358

■ 69.9595, 87.7699,
75.8947

Harmonies

Analogous

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



42.2848, 41.3814, 61.5768



44.6396, 41.3814, 54.3499



45.5606, 41.3814, 45.3258

Triad

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



44.6396, 41.3814, 54.3499



39.4254, 41.3814, 30.1269



34.3767, 41.3814, 53.8257

Complementary

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



44.6396, 41.3814, 54.3499



41.3727, 49.1613, 43.8699

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.



33.6982, 41.3814, 44.7899



44.6396, 41.3814, 54.3499



36.5195, 41.3814, 31.7929

Square

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



44.6396, 41.3814, 54.3499



42.4551, 41.3814, 32.0058



34.4623, 41.3814, 36.8893



36.3655, 41.3814, 61.2474

Rectangle

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



44.6396, 41.3814, 54.3499



45.2027, 41.3814, 39.7292



34.4623, 41.3814, 36.8893



33.9926, 41.3814, 50.8416

Sweetspot

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



44.6408, 41.3832, 54.3508



88.8018, 89.9520, 103.8011



38.6920, 38.2653, 56.3863



19.3246, 19.4670, 22.6516



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.



44.6408, 41.3832, 54.3508



78.6908, 70.8658, 96.9292



43.0732, 40.7561, 46.0956



10.4396, 10.2244, 12.4052



19.3551, 9.4318, 25.5797



0.8522, 0.4139, 1.1891

Inverse Universe

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



44.6408, 41.3832, 54.3508



78.6908, 70.8658, 96.9292



42.8530, 49.7535, 51.6653



10.4396, 10.2244, 12.4052



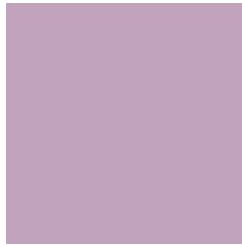
19.3551, 9.4318, 25.5797



0.8522, 0.4139, 1.1891

Previews

White Background



This preview shows how the XYZ color 44.6396, 41.3814, 54.3499 looks on a white background.

Color Contrast Check

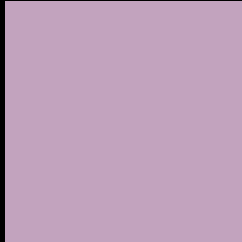
Large Text (above 18pt) WCAG AA × Fail

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 44.6396, 41.3814, 54.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

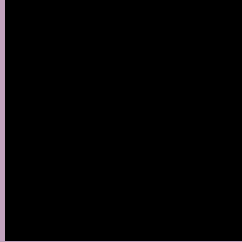
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.6396, 41.3814, 54.3499

Background



This preview shows how black text looks on a background with the XYZ color 44.6396, 41.3814, 54.3499.



This preview shows how white text looks on a background with the XYZ color 44.6396, 41.3814,

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

44.6396, 41.3814, 54.3499

Protanopia

40.7754, 41.5010, 57.4912

Deuteranopia

42.4793, 41.6245, 53.9395



Tritanopia

43.2292, 41.3311, 47.8188

Trichromacy



Original Color

44.6396, 41.3814, 54.3499

Protanomaly

41.9884, 41.3205, 56.2147

Deuteranomaly

43.0712, 41.3857, 53.8622

Tritanomaly

43.7113, 41.2658, 49.9172

Monochromacy



Original Color

44.6396, 41.3814, 54.3499

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.0925, 42.3662, 49.1390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6396, 41.3814, 54.3499 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(194, 163, 190)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 190)  
}
```

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(194, 163, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 190) }
```

Border

The CSS property to change the border of an element to XYZ 44.6396, 41.3814, 54.3499 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(194, 163, 190) }
```


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

```
.border{ border-color:rgb(194, 163, 190) }
```

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

Here you see how a box with a 4 pixel rgb(194, 163, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 190);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6396, 41.3814, 54.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 190) }
```

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

```
.background{ background-color: rgb(194,  
163, 190) }
```

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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