

Converting Colors

XYZ(43.4715, 37.9536, 56.0735)

Have a look what the booklet for
XYZ(43.4715, 37.9536, 56.0735)
contains.

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Color

**XYZ(43.4715, 37.9536,
56.0735)**

Conversions

Conversions Part 1

Format	Color
Hex	C398C2
RGB	195, 152, 194
RGB Percent	76%, 60%, 76%
CMY	0.2353, 0.4039, 0.2392
CMYK	0.00, 0.22, 0.01, 0.24
HSL	301°, 26%, 68%
HSV	301°, 22%, 76%
XYZ	43.4715, 37.9536, 56.0735
YIQ	169.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

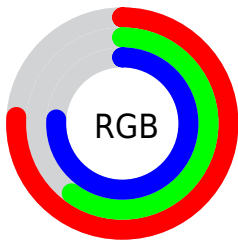
Format	Color
R _Y B	195, 152, 194
Decimal	12818626
CIE Lab	67.99, 23.22, -15.51
CIE LCh	68, 27.925, 326.270
Yxy	37.9536, 0.3162, 0.2760
Android (android.graphics.Color)	4291008706 (0xFFC398C2)
YUV	169.6450, 12.0070, 22.2363
Hunter-Lab	61.6065, 18.1439, -10.8405

Details

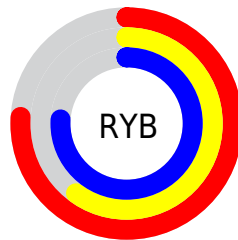
The XYZ color **43.4715, 37.9536, 56.0735** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.2153, 48.0067, 37.3911**, and the grayscale version is **37.9708, 39.9482, 43.5036**.

A 20% lighter version of the original color is **79.8703, 72.2861, 101.0098**, and **20.3718, 16.8635, 26.9922** is the 20% darker color. If you saturate the color by 10%, you get **40.5126, 32.1166, 54.8366**, and if you desaturate by 10%, it is **46.9531, 44.8346, 57.4863**.

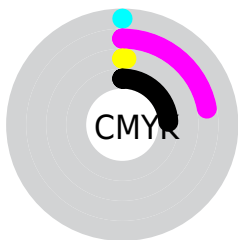
Distribution



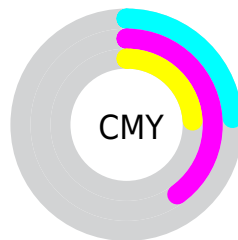
- Red (76%)
- Green (60%)
- Blue (76%)



- Red (76%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4715, 37.9536, 56.0735 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 43.4715, 37.9536, 56.0735 by changing the saturation by 10% instead.


 43.4715, 37.9536,
56.0735

 43.4715, 37.9536,
56.0735

351.4360,
337.4209, 427.3645

 30.4514, 25.9467,
39.8575

 79.6732, 72.0370,
100.5989

 20.3312, 16.7838,
27.1145


 103.5854, 94.8823,
129.7453

 12.7457, 10.0804,
17.4260


131.8591,
122.1092, 164.0390

 7.3294, 5.4523,
10.3735

164.8595,
154.1020, 203.8984

 3.7171, 2.5150,
5.5385

202.9520,
191.2452, 249.7422

 1.5434, 0.8841,
2.5023

246.5021,

 0.3551, 0.0000,

233.9231, 301.9887

0.8414

295.8749,
282.5202, 361.0567

■ 0.0000, 0.0000,
0.0000

■ 43.4715, 37.9536,
56.0735

■ 43.4715, 37.9536,
56.0735

■ 40.5126, 32.1166,
54.8366

■ 46.9531, 44.8346,
57.4863

■ 38.0477, 27.2679,
53.7647

■ 50.9778, 52.8019,
59.0804

■ 36.0502, 23.3540,
52.8494

■ 55.5687, 61.9016,
60.8640

■ 34.4901, 20.3144,
52.0807

■ 60.7470, 72.1758,
62.8442

■ 33.3335, 18.0817,
51.4472

■ 66.5325, 83.6641,
65.0275

■ 32.5418, 16.5784,
50.9361

■ 68.3123, 87.1408,
65.8764

■ 32.0688, 15.7122,
50.5320

■ 68.3643, 87.1616,
66.1502

■ 31.8511, 15.3403,
50.2641

■ 68.4164, 87.1824,
66.4247

■ 68.4687, 87.2034,
66.7001

Harmonies

Analogous

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



39.8962, 37.9536, 66.6855



43.4715, 37.9536, 56.0735



45.0619, 37.9536, 42.9002

Triad

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



43.4715, 37.9536, 56.0735



36.6196, 37.9536, 21.7639



29.0937, 37.9536, 52.8357

Complementary

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



43.4715, 37.9536, 56.0735



38.2153, 48.0067, 37.3911

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.



28.3681, 37.9536, 39.7889



43.4715, 37.9536, 56.0735



32.5036, 37.9536, 23.3796

Square

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



43.4715, 37.9536, 56.0735



40.9108, 37.9536, 24.4599



29.5668, 37.9536, 29.4199



31.6339, 37.9536, 64.5682

Rectangle

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



43.4715, 37.9536, 56.0735



44.6957, 37.9536, 34.9823



29.5668, 37.9536, 29.4199



28.6387, 37.9536, 48.3915

Sweetspot

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



43.4727, 37.9553, 56.0743



87.5299, 87.1002, 104.3265



34.1637, 33.1433, 56.2272



19.0713, 18.8823, 22.8080



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.



43.4727, 37.9553, 56.0743



75.4392, 63.2011, 99.4261



41.2571, 37.0690, 44.4073



10.4869, 10.2434, 12.6543



20.7058, 9.9721, 32.6926



0.8979, 0.4322, 1.4297

Inverse Universe

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



43.4727, 37.9553, 56.0743



75.4392, 63.2011, 99.4261



40.1265, 48.7712, 47.4555



10.4869, 10.2434, 12.6543



20.7058, 9.9721, 32.6926



0.8979, 0.4322, 1.4297

Previews

White Background



This preview shows how the XYZ color 43.4715, 37.9536, 56.0735 looks on a white background.

Color Contrast Check

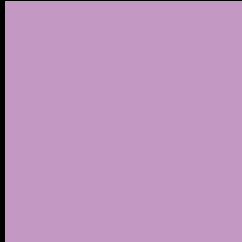
Large Text (above 18pt) WCAG AA × Fail

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 43.4715, 37.9536, 56.0735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

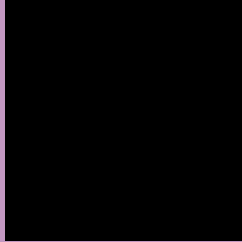
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4715, 37.9536, 56.0735

Background



This preview shows how black text looks on a background with the XYZ color 43.4715, 37.9536, 56.0735.



This preview shows how white text looks on a background with the XYZ color 43.4715, 37.9536,

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

43.4715, 37.9536, 56.0735

Protanopia

37.8408, 37.9833, 61.2142

Deuteranopia

39.0123, 38.1925, 55.1849



Tritanopia

40.7043, 38.0549, 42.7361

Trichromacy



Original Color

43.4715, 37.9536, 56.0735

Protanomaly

39.6742, 37.9231, 59.2617

Deuteranomaly

40.4429, 37.8877, 55.6336

Tritanomaly

41.4955, 37.8635, 47.2408

Monochromacy



Original Color

43.4715, 37.9536, 56.0735

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.8243, 39.0328, 48.0829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4715, 37.9536, 56.0735 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(195, 152, 194)` looks like.

```
.text, #text, p{  
    color:rgb(195, 152, 194)  
}
```

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(195, 152, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 152, 194) }
```

Border

The CSS property to change the border of an element to XYZ 43.4715, 37.9536, 56.0735 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(195, 152, 194) }
```


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

```
.border{ border-color:rgb(195, 152, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 152, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 152, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 152, 194);  
box-shadow:4px 4px 4px 4px rgb(195, 152,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4715, 37.9536, 56.0735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 152, 194) }
```

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

```
.background{ background-color: rgb(195,  
152, 194) }
```

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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