

Converting Colors

XYZ(44.7974, 37.6765, 56.5410)

Have a look what the booklet for
XYZ(44.7974, 37.6765, 56.5410)
contains.

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Color

**XYZ(44.7974, 37.6765,
56.5410)**

Conversions

Conversions Part 1

Format	Color
Hex	CA94C3
RGB	202, 148, 195
RGB Percent	79%, 58%, 76%
CMY	0.2078, 0.4196, 0.2353
CMYK	0.00, 0.27, 0.03, 0.21
HSL	308°, 34%, 69%
HSV	308°, 27%, 79%
XYZ	44.7974, 37.6765, 56.5410
YIQ	169.5040, 17.0970, 26.0650

Conversions

Conversions Part 2

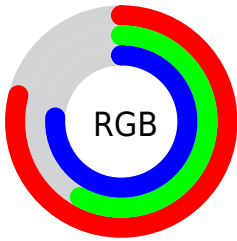
Format	Color
R _{YB}	202, 148, 195
Decimal	13276355
CIE Lab	67.78, 27.98, -16.30
CIE LCh	68, 32.388, 329.775
Yxy	37.6765, 0.3222, 0.2710
Android (android.graphics.Color)	4291466435 (0xFFCA94C3)
YUV	169.5040, 12.5695, 28.4990
Hunter-Lab	61.3812, 22.8563, -11.6479

Details

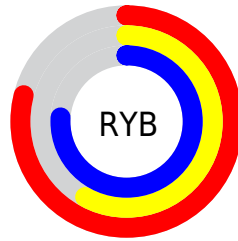
The XYZ color **44.7974, 37.6765, 56.5410** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.2512, 50.9048, 38.7694**, and the grayscale version is **37.8964, 39.8700, 43.4184**.

A 20% lighter version of the original color is **80.1666, 71.0001, 101.5746**, and **21.1150, 16.6755, 27.3051** is the 20% darker color. If you saturate the color by 10%, you get **41.6080, 31.7669, 54.0301**, and if you desaturate by 10%, it is **48.5472, 44.6974, 59.2652**.

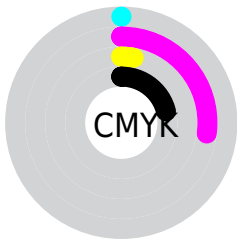
Distribution



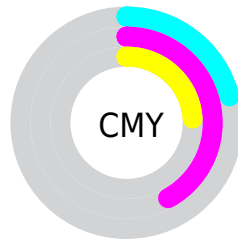
- Red (79%)
- Green (58%)
- Blue (76%)



- Red (79%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (27%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7974, 37.6765, 56.5410 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 44.7974, 37.6765, 56.5410 by changing the saturation by 10% instead.

■ 44.7974, 37.6765,
56.5410

■ 44.7974, 37.6765,
56.5410

356.7499,
336.2302, 429.1726

■ 31.4985, 25.7317,
40.2299

■ 81.6552, 71.6120,
101.2888

■ 21.1324, 16.6230,
27.4027

■ 105.9449, 94.3716,
130.5626

■ 13.3338, 9.9661,
17.6408

134.6288,
121.5048, 164.9945

■ 7.7374, 5.3765,
10.5256

168.0723,
153.3961, 205.0028

■ 3.9778, 2.4698,
5.6387

206.6408,
190.4299, 251.0063

■ 1.6896, 0.8615,
2.5615

250.6997,

■ 0.4497, 0.0000,

232.9906, 303.4234

0.8725

300.6143,
281.4626, 362.6726

■ 0.0000, 0.0000,
0.0000

■ 44.7974, 37.6765,
56.5410

■ 44.7974, 37.6765,
56.5410

■ 41.6080, 31.7669,
54.0301

■ 48.5472, 44.6974,
59.2652

■ 38.9468, 26.9060,
51.7203

■ 52.8806, 52.8777,
62.2092

■ 36.7836, 23.0328,
49.6019

■ 57.8237, 62.2691,
65.3824

■ 35.0837, 20.0781,
47.6631

■ 63.4000, 72.9184,
68.7927

■ 33.8080, 17.9636,
45.8909

■ 69.6317, 84.8701,
72.4475

■ 32.9108, 16.5980,
44.2698

■ 71.8395, 88.7656,
74.7874

■ 32.3320, 15.8612,
42.7796

■ 72.1701, 88.8978,
76.5278

■ 32.1755, 15.6839,
42.3088

■ 72.5059, 89.0321,
78.2965

■ 72.8472, 89.1686,
80.0937

Harmonies

Analogous

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



40.8113, 37.6765, 69.9382



44.7974, 37.6765, 56.5410



46.3353, 37.6765, 41.1319

Triad

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



44.7974, 37.6765, 56.5410



35.8483, 37.6765, 19.1539



28.0814, 37.6765, 56.3087

Complementary

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



44.7974, 37.6765, 56.5410



39.2512, 50.9048, 38.7694

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.



27.0137, 37.6765, 40.9149



44.7974, 37.6765, 56.5410



31.2356, 37.6765, 21.4310

Square

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



44.7974, 37.6765, 56.5410



40.8829, 37.6765, 21.5014



28.1137, 37.6765, 28.6413



31.1758, 37.6765, 69.7835

Rectangle

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



44.7974, 37.6765, 56.5410



45.6640, 37.6765, 32.3778



28.1137, 37.6765, 28.6413



27.4872, 37.6765, 51.0851

Sweetspot

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



44.7986, 37.6782, 56.5418



88.4610, 87.4987, 104.6174



34.6359, 32.3455, 60.2958



18.6853, 18.2575, 22.2262



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.



44.7986, 37.6782, 56.5418



72.6535, 57.8580, 93.2619



42.0817, 36.5914, 42.2352



11.6225, 11.3777, 13.8128



20.7276, 10.1016, 27.3477



1.0872, 0.5283, 1.5050

Inverse Universe

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



44.7986, 37.6782, 56.5418



72.6535, 57.8580, 93.2619



41.7060, 51.8867, 51.6960



11.6225, 11.3777, 13.8128



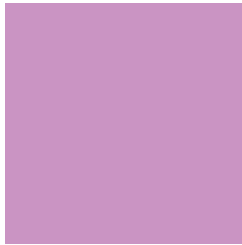
20.7276, 10.1016, 27.3477



1.0872, 0.5283, 1.5050

Previews

White Background



This preview shows how the XYZ color 44.7974, 37.6765, 56.5410 looks on a white background.

Color Contrast Check

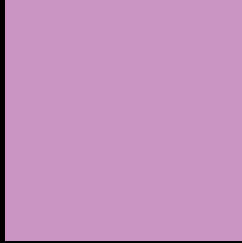
Large Text (above 18pt) WCAG AA × Fail

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 44.7974, 37.6765, 56.5410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

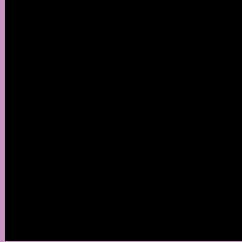
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7974, 37.6765, 56.5410

Background



This preview shows how black text looks on a background with the XYZ color 44.7974, 37.6765, 56.5410.



This preview shows how white text looks on a background with the XYZ color 44.7974, 37.6765,

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

44.7974, 37.6765, 56.5410

Protanopia

37.9336, 37.9757, 63.7232

Deuteranopia

38.6215, 37.7305, 55.1163



Tritanopia

41.4715, 37.5048, 40.6507

Trichromacy



Original Color

44.7974, 37.6765, 56.5410

Protanomaly

39.9008, 37.4886, 61.0101

Deuteranomaly

40.5702, 37.4509, 55.5426

Tritanomaly

42.4563, 37.4099, 46.0574

Monochromacy



Original Color

44.7974, 37.6765, 56.5410

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.3484, 39.0404, 48.0568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7974, 37.6765, 56.5410 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(202, 148, 195)` looks like.

```
.text, #text, p{  
    color:rgb(202, 148, 195)  
}
```

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(202, 148, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 148, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.7974, 37.6765, 56.5410 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(202, 148, 195) }
```


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

```
.border{ border-color:rgb(202, 148, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 148, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 148, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 148, 195);  
box-shadow:4px 4px 4px 4px rgb(202, 148,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7974, 37.6765, 56.5410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 148, 195) }
```

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

```
.background{ background-color: rgb(202,  
148, 195) }
```

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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