

Converting Colors

XYZ(43.3857, 37.8132, 47.1991)

Have a look what the booklet for
XYZ(43.3857, 37.8132, 47.1991)
contains.

XYZ(43.4596, 37.9041, 47.1451)	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(43.4596, 37.9041,
47.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	CA97B2
RGB	202, 151, 178
RGB Percent	79%, 59%, 70%
CMY	0.2078, 0.4078, 0.3020
CMYK	0.00, 0.25, 0.12, 0.21
HSL	328°, 32%, 69%
HSV	328°, 25%, 79%
XYZ	43.4596, 37.9041, 47.1451
YIQ	169.3270, 21.7290, 19.2090

Conversions

Conversions Part 2

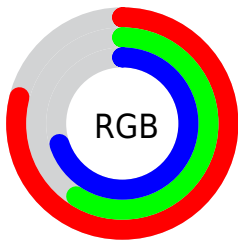
Format	Color
R _{YB}	202, 151, 178
Decimal	13277106
CIE Lab	67.95, 23.35, -6.56
CIE LCh	68, 24.252, 344.295
Yxy	37.9041, 0.3382, 0.2950
Android (android.graphics.Color)	4291467186 (0xFFCA97B2)
YUV	169.3270, 4.2758, 28.6542
Hunter-Lab	61.5663, 18.2620, -2.3056

Details

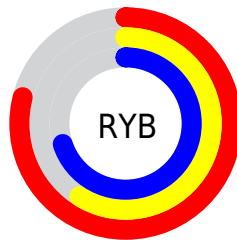
The XYZ color **43.4596, 37.9041, 47.1451** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.6224, 51.9166, 48.3870**, and the grayscale version is **37.8468, 39.8178, 43.3616**.

A 20% lighter version of the original color is **78.1626, 71.3431, 87.4929**, and **20.2915, 16.7981, 21.5749** is the 20% darker color. If you saturate the color by 10%, you get **39.5615, 31.5825, 41.2986**, and if you desaturate by 10%, it is **47.9831, 45.3696, 53.5273**.

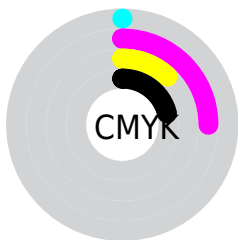
Distribution



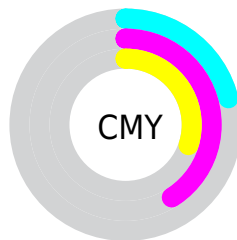
- Red (79%)
- Green (59%)
- Blue (70%)



- Red (79%)
- Yellow (59%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (21%)





- Cyan (21%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4596, 37.9041, 47.1451 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 43.4596, 37.9041, 47.1451 by changing the saturation by 10% instead.


 43.4596, 37.9041,
47.1451

 43.4596, 37.9041,
47.1451


351.3880,
337.2084, 391.8039

 30.4420, 25.9083,
32.7952


 79.6554, 71.9611,
87.2824

 20.3240, 16.7550,
21.6998

 103.5642, 94.7911,
113.9069

 12.7404, 10.0600,
13.4403


131.8341,
122.0013, 145.4601

 7.3258, 5.4387,
7.5981

164.8306,
153.9760, 182.3604

 3.7148, 2.5069,
3.7548

202.9188,
191.0997, 225.0263

 1.5421, 0.8801,
1.4918

246.4642,

 0.3542, 0.0000,

233.7567, 273.8766

0.2118

295.8322,
282.3315, 329.3296

■ 0.0000, 0.0000,
0.0000

■ 43.4596, 37.9041,
47.1451

■ 43.4596, 37.9041,
47.1451

■ 39.5615, 31.5825,
41.2986

■ 47.9831, 45.3696,
53.5273

■ 36.2557, 26.3422,
35.9690

■ 53.1563, 54.0270,
60.4585

■ 33.5110, 22.1228,
31.1394


■ 59.0062, 63.9280,
67.9542


■ 31.2921, 18.8553,
26.7912


■ 65.5573, 75.1195,
76.0286


■ 29.5589, 16.4625,
22.9038


■ 72.8330, 87.6462,
84.6954


 28.2655, 14.8549,
19.4542


 75.1186, 90.0772,
92.0555

 27.3559, 13.9229,
16.4161

 76.5297, 90.6416,
99.4863

 27.0078, 13.6168,
15.0967

 78.0154, 91.2359,
107.3096

 78.1674, 91.2967,
108.1099

Harmonies

Analogous

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



41.3259, 37.9041, 57.9717



43.4596, 37.9041, 47.1451



43.5119, 37.9041, 36.3577

Triad

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



43.4596, 37.9041, 47.1451



34.2676, 37.9041, 24.2554



31.0867, 37.9041, 57.5202

Complementary

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



43.4596, 37.9041, 47.1451



41.6224, 51.9166, 48.3870

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.



29.4533, 37.9041, 46.6084



43.4596, 37.9041, 47.1451



31.2011, 37.9041, 28.1321

Square

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



43.4596, 37.9041, 47.1451



38.0232, 37.9041, 24.3482



29.4937, 37.9041, 35.9065



34.1013, 37.9041, 64.6366

Rectangle

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



43.4596, 37.9041, 47.1451



42.3486, 37.9041, 30.6508



29.4937, 37.9041, 35.9065



30.3676, 37.9041, 54.0986

Sweetspot

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



43.4607, 37.9058, 47.1459



87.3764, 87.0649, 98.9061



39.3631, 35.4902, 60.6533



18.4112, 18.1478, 20.7827



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.



43.4607, 37.9058, 47.1459



70.0459, 58.4145, 74.5993



41.1501, 36.9816, 34.9785



11.4563, 11.3113, 12.9376



17.4244, 8.7803, 9.9535



0.9371, 0.4682, 0.7145

Inverse Universe

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



43.4607, 37.9058, 47.1459



70.0459, 58.4145, 74.5993



44.3447, 53.0054, 62.7221



11.4563, 11.3113, 12.9376



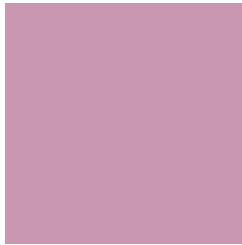
17.4244, 8.7803, 9.9535



0.9371, 0.4682, 0.7145

Previews

White Background



This preview shows how the XYZ color 43.4596, 37.9041, 47.1451 looks on a white background.

Color Contrast Check

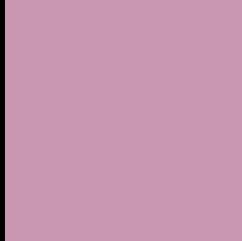
Large Text (above 18pt) WCAG AA × Fail

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 43.4596, 37.9041, 47.1451 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 43.4596, 37.9041, 47.1451

Background



This preview shows how black text looks on a background with the XYZ color 43.4596, 37.9041, 47.1451.



This preview shows how white text looks on a background with the XYZ color 43.4596, 37.9041,

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

43.4596, 37.9041, 47.1451

Protanopia

37.5290, 38.2847, 52.4254

Deuteranopia

38.7128, 37.9714, 46.3631



Tritanopia

42.0022, 37.7784, 40.6755

Trichromacy



Original Color

43.4596, 37.9041, 47.1451

Protanomaly

39.3540, 37.9494, 50.5982

Deuteranomaly

40.2425, 37.7274, 46.7561

Tritanomaly

42.5713, 37.7763, 43.0780

Monochromacy



Original Color

43.4596, 37.9041, 47.1451

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.4228, 38.6430, 44.4108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4596, 37.9041, 47.1451 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, 151, 178)` looks like.

```
.text, #text, p{  
    color:rgb(202, 151, 178)  
}
```

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, 151, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 151, 178) }
```

Border

The CSS property to change the border of an element to XYZ 43.4596, 37.9041, 47.1451 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, 151, 178) }
```


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

```
.border{ border-color:rgb(202, 151, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 151, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 151, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 151, 178); box-shadow:4px 4px 4px 4px rgb(202, 151, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4596, 37.9041, 47.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 151, 178) }
```

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

```
.background{ background-color: rgb(202,  
151, 178) }
```

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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