

Converting Colors

XYZ(47.8810, 42.5167, 54.9732)

Have a look what the booklet for
XYZ(47.8810, 42.5167, 54.9732)
contains.

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Color

**XYZ(47.8810, 42.5167,
54.9732)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA1BF
RGB	207, 161, 191
RGB Percent	81%, 63%, 75%
CMY	0.1882, 0.3686, 0.2510
CMYK	0.00, 0.22, 0.08, 0.19
HSL	321°, 32%, 72%
HSV	321°, 22%, 81%
XYZ	47.8810, 42.5167, 54.9732
YIQ	178.1740, 17.7860, 19.0820

Conversions

Conversions Part 2

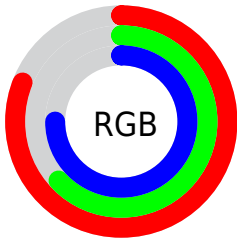
Format	Color
R _{YB}	207, 161, 191
Decimal	13607359
CIE _{Lab}	71.23, 21.87, -8.87
CIE _{LCh}	71, 23.599, 337.932
Yxy	42.5167, 0.3294, 0.2925
Android (android.graphics.Color)	4291797439 (0xFFCFA1BF)
YUV	178.1740, 6.3232, 25.2804
Hunter-Lab	65.2048, 16.9671, -4.3431

Details

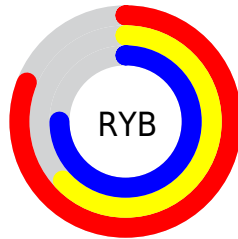
The XYZ color **47.8810, 42.5167, 54.9732** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.9483, 55.3783, 49.9175**, and the grayscale version is **42.3710, 44.5776, 48.5450**.

A 20% lighter version of the original color is **82.5844, 77.0871, 98.5223**, and **23.0050, 19.4477, 26.5860** is the 20% darker color. If you saturate the color by 10%, you get **43.7859, 35.5632, 49.7944**, and if you desaturate by 10%, it is **52.6164, 50.6872, 60.5586**.

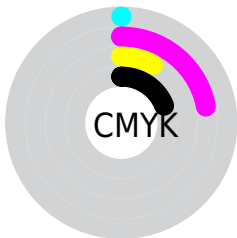
Distribution



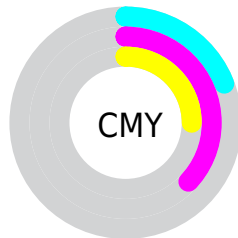
- Red (81%)
- Green (63%)
- Blue (75%)



- Red (81%)
- Yellow (63%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (19%)





- Cyan (19%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8810, 42.5167, 54.9732 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 47.8810, 42.5167, 54.9732 by changing the saturation by 10% instead.


 47.8810, 42.5167,
54.9732


 47.8810, 42.5167,
54.9732


368.9107,
356.6204, 423.0894

 33.9435, 29.5061,
38.9818


 86.2380, 78.9810,
98.9724

 23.0129, 19.4640,
26.4379


 111.3882,
103.2035, 127.8174

 14.7238, 12.0060,
16.9228


141.0066,
131.9322, 161.7839

 8.7108, 6.7478,
10.0181

175.4588,
165.5513, 201.2906

 4.6086, 3.3049,
5.3052

215.1099,
204.4452, 246.7559

 2.0519, 1.2929,
2.3656

260.3253,

 0.6629, 0.1357,

248.9985, 298.5985

0.7676

311.4705,
299.5954, 357.2368

■ 0.0000, 0.0000,
0.0000

■ 47.8810, 42.5167,
54.9732

■ 47.8810, 42.5167,
54.9732

■ 43.7859, 35.5632,
49.7944

■ 52.6164, 50.6872,
60.5586

■ 40.2974, 29.7620,
45.0069

■ 58.0162, 60.1242,
66.5599

■ 37.3842, 25.0507,
40.5978

■ 64.1081, 70.8810,
72.9895

■ 35.0106, 21.3591,
36.5525

■ 70.9168, 83.0067,
79.8581

■ 33.1369, 18.6084,
32.8547

■ 75.3582, 90.3319,
86.1401

■ 31.7172, 16.7082,
29.4863

■ 76.3732, 90.7379,
91.4852

■ 30.6971, 15.5503,
26.4259

■ 77.4303, 91.1607,
97.0518

■ 30.1053, 15.0147,
24.2312

■ 78.5300, 91.6006,
102.8425

■ 79.5425, 92.0056,
108.1743

Harmonies

Analogous

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



45.2714, 42.5167, 65.6975



47.8810, 42.5167, 54.9732



48.4257, 42.5167, 43.3506

Triad

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



47.8810, 42.5167, 54.9732



39.3698, 42.5167, 27.8899



34.7012, 42.5167, 61.0241

Complementary

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



47.8810, 42.5167, 54.9732



44.9483, 55.3783, 49.9175

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.



33.3330, 42.5167, 49.3666



47.8810, 42.5167, 54.9732



35.9112, 42.5167, 31.1443

Square

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



47.8810, 42.5167, 54.9732



43.3377, 42.5167, 28.8917



33.7611, 42.5167, 38.5791



37.6189, 42.5167, 69.5692

Rectangle

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



47.8810, 42.5167, 54.9732



47.5135, 42.5167, 36.8170



33.7611, 42.5167, 38.5791



34.0538, 42.5167, 57.2707

Sweetspot

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



47.8822, 42.5186, 54.9741



88.6339, 88.7418, 101.9089



41.9891, 39.2659, 64.3983



18.8584, 18.7971, 21.6871



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.



47.8822, 42.5186, 54.9741



73.2614, 62.2134, 83.7856



45.6087, 41.6092, 43.0018



12.1288, 11.9363, 13.9543



19.0136, 9.4783, 15.5097



1.0998, 0.5446, 1.0604

Inverse Universe

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



47.8822, 42.5186, 54.9741



73.2614, 62.2134, 83.7856



47.3598, 56.3429, 62.6162



12.1288, 11.9363, 13.9543



19.0136, 9.4783, 15.5097



1.0998, 0.5446, 1.0604

Previews

White Background



This preview shows how the XYZ color 47.8810, 42.5167, 54.9732 looks on a white background.

Color Contrast Check

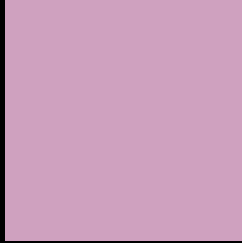
Large Text (above 18pt) WCAG AA × Fail

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 47.8810, 42.5167, 54.9732 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 47.8810, 42.5167, 54.9732

Background



This preview shows how black text looks on a background with the XYZ color 47.8810, 42.5167, 54.9732.



This preview shows how white text looks on a background with the XYZ color 47.8810, 42.5167,

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

47.8810, 42.5167, 54.9732

Protanopia

42.0470, 42.6686, 60.0526

Deuteranopia

43.5676, 42.7379, 54.0971



Tritanopia

46.2888, 42.6646, 46.8697

Trichromacy



Original Color

47.8810, 42.5167, 54.9732

Protanomaly

43.9189, 42.5518, 58.1231

Deuteranomaly

45.1053, 42.6926, 54.5784

Tritanomaly

46.8913, 42.6524, 49.4774

Monochromacy



Original Color

47.8810, 42.5167, 54.9732

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.2860, 43.7428, 50.9088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8810, 42.5167, 54.9732 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(207, 161, 191)` looks like.

```
.text, #text, p{  
    color:rgb(207, 161, 191)  
}
```

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(207, 161, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 161, 191) }
```

Border

The CSS property to change the border of an element to XYZ 47.8810, 42.5167, 54.9732 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(207, 161, 191) }
```


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

```
.border{ border-color:rgb(207, 161, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 161, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 161, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 161, 191);  
box-shadow:4px 4px 4px 4px rgb(207, 161,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8810, 42.5167, 54.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 161, 191) }
```

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

```
.background{ background-color: rgb(207,  
161, 191) }
```

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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