

Converting Colors

XYZ(48.5312, 44.0883, 54.3518)

Have a look what the booklet for
XYZ(48.5312, 44.0883, 54.3518)
contains.

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Color

**XYZ(48.5537, 44.2120,
54.1188)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA6BD
RGB	207, 166, 189
RGB Percent	81%, 65%, 74%
CMY	0.1882, 0.3490, 0.2588
CMYK	0.00, 0.20, 0.09, 0.19
HSL	326°, 30%, 73%
HSV	326°, 20%, 81%
XYZ	48.5537, 44.2120, 54.1188
YIQ	180.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

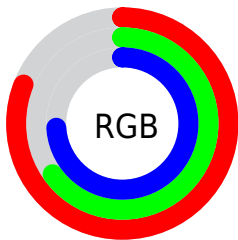
Format	Color
R _{YB}	207, 166, 189
Decimal	13608637
CIE Lab	72.37, 18.79, -6.06
CIE LCh	72, 19.746, 342.116
Yxy	44.2120, 0.3306, 0.3010
Android (android.graphics.Color)	4291798717 (0xFFCFA6BD)
YUV	180.8810, 4.0027, 22.9064
Hunter-Lab	66.4921, 13.9826, -1.7124

Details

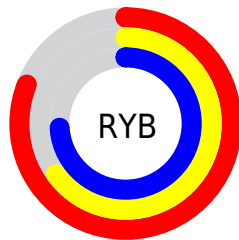
The XYZ color **48.5537, 44.2120, 54.1188** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6923, 56.1946, 53.7359**, and the grayscale version is **43.8304, 46.1130, 50.2171**.

A 20% lighter version of the original color is **83.5779, 79.5655, 97.3388**, and **23.4101, 20.4876, 26.0132** is the 20% darker color. If you saturate the color by 10%, you get **44.1338, 36.9014, 47.9298**, and if you desaturate by 10%, it is **53.6437, 52.7626, 60.8373**.

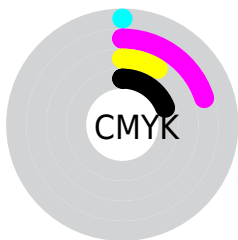
Distribution



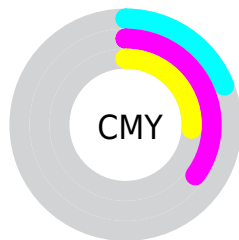
- Red (81%)
- Green (65%)
- Blue (74%)



- Red (81%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (19%)




- Cyan (19%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5537, 44.2120, 54.1188 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 48.5537, 44.2120, 54.1188 by changing the saturation by 10% instead.


 48.5537, 44.2120,
54.1188


 48.5537, 44.2120,
54.1188


371.5288,
363.5727, 419.7503

 34.4787, 30.8372,
38.3028

 87.2330, 81.5367,
97.7068

 23.4262, 20.4749,
25.9142


 112.5679,
106.2553, 126.3159

 15.0309, 12.7407,
16.5342


142.3868,
135.5240, 160.0265

 8.9276, 7.2503,
9.7445

177.0551,
169.7273, 199.2571

 4.7507, 3.6191,
5.1265

216.9381,
209.2493, 244.4262

 2.1350, 1.4629,
2.2617

262.4011,

 0.7081, 0.2624,

254.4747, 295.9524

0.7096

313.8096,
305.7876, 354.2543

■ 0.0000, 0.0000,
0.0000

■ 48.5537, 44.2120,
54.1188

■ 48.5537, 44.2120,
54.1188

■ 44.1338, 36.9014,
47.9298

■ 53.6437, 52.7626,
60.8373

■ 40.3500, 30.7665,
42.2518

■ 59.4279, 62.6015,
68.0971

■ 37.1712, 25.7462,
37.0693

■ 65.9341, 73.7820,
75.9133

■ 34.5619, 21.7716,
32.3647

■ 73.1872, 86.3524,
84.2994

■ 32.4829, 18.7660,
28.1187

■ 76.4077, 90.7517,
91.6670

■ 30.8893, 16.6420,
24.3102

■ 77.7508, 91.2889,
98.7397

■ 29.7285, 15.2961,
20.9151

■ 79.1619, 91.8534,
106.1705

■ 28.9062, 14.5421,
17.8953

■ 79.5424, 92.0056,
108.1743

■ 28.8914, 14.5292,
17.8394

Harmonies

Analogous

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



46.5592, 44.2120, 63.4008



48.5537, 44.2120, 54.1188



48.7413, 44.2120, 44.3166

Triad

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



48.5537, 44.2120, 54.1188



40.6653, 44.2120, 32.0603



37.3584, 44.2120, 61.8142

Complementary

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



48.5537, 44.2120, 54.1188



46.6923, 56.1946, 53.7359

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.



35.9508, 44.2120, 52.1758



48.5537, 44.2120, 54.1188



37.7899, 44.2120, 35.5474

Square

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



48.5537, 44.2120, 54.1188



44.0612, 44.2120, 32.4335



36.1044, 44.2120, 42.6174



40.0470, 44.2120, 68.2392

Rectangle

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



48.5537, 44.2120, 54.1188



47.8041, 44.2120, 38.8586



36.1044, 44.2120, 42.6174



36.7264, 44.2120, 58.7914

Sweetspot

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



48.5550, 44.2140, 54.1197



89.2990, 90.1985, 101.7402



44.6118, 41.9412, 64.7764



18.9851, 19.0879, 21.6140



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.



48.5550, 44.2140, 54.1197



74.5088, 65.3632, 82.1821



46.5064, 43.3945, 43.3321



12.0824, 11.9177, 13.7099



18.2510, 9.1732, 11.4939



1.0600, 0.5287, 0.8508

Inverse Universe

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



48.5550, 44.2140, 54.1197



74.5088, 65.3632, 82.1821



48.9713, 57.1062, 65.7370



12.0824, 11.9177, 13.7099



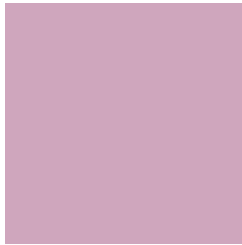
18.2510, 9.1732, 11.4939



1.0600, 0.5287, 0.8508

Previews

White Background



This preview shows how the XYZ color 48.5537, 44.2120, 54.1188 looks on a white background.

Color Contrast Check

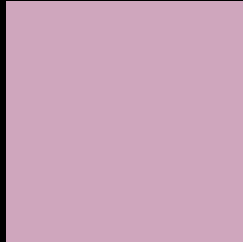
Large Text (above 18pt) WCAG AA × Fail

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 48.5537, 44.2120, 54.1188 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 48.5537, 44.2120, 54.1188

Background



This preview shows how black text looks on a background with the XYZ color 48.5537, 44.2120, 54.1188.



This preview shows how white text looks on a background with the XYZ color 48.5537, 44.2120,

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

48.5537, 44.2120, 54.1188

Protanopia

43.4770, 44.6145, 57.9497

Deuteranopia

45.0648, 44.0830, 53.7107



Tritanopia

47.5105, 44.0545, 49.1793

Trichromacy



Original Color

48.5537, 44.2120, 54.1188

Protanomaly

45.0627, 44.3022, 56.6282

Deuteranomaly

46.2168, 44.1161, 53.6563

Tritanomaly

47.8196, 44.1781, 50.8066

Monochromacy



Original Color

48.5537, 44.2120, 54.1188

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.4123, 45.4585, 51.7283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5537, 44.2120, 54.1188 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, 166, 189)` looks like.

```
.text, #text, p{  
    color:rgb(207, 166, 189)  
}
```

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, 166, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 166, 189) }
```

Border

The CSS property to change the border of an element to XYZ 48.5537, 44.2120, 54.1188 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, 166, 189) }
```


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

```
.border{ border-color:rgb(207, 166, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 166, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 166, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 166, 189);  
box-shadow:4px 4px 4px 4px rgb(207, 166,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5537, 44.2120, 54.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 166, 189) }
```

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

```
.background{ background-color: rgb(207,  
166, 189) }
```

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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