

Converting Colors

XYZ(48.5922, 44.6089, 60.7165)

Have a look what the booklet for
XYZ(48.5922, 44.6089, 60.7165)
contains.

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Color

**XYZ(48.5154, 44.5929,
60.6938)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A8C8
RGB	201, 168, 200
RGB Percent	79%, 66%, 78%
CMY	0.2118, 0.3412, 0.2157
CMYK	0.00, 0.16, 0.00, 0.21
HSL	302°, 23%, 72%
HSV	302°, 16%, 79%
XYZ	48.5154, 44.5929, 60.6938
YIQ	181.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

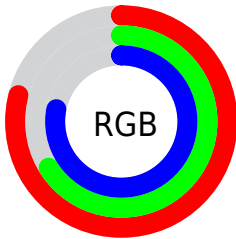
Format	Color
R_{YB}	201, 168, 200
Decimal	13215944
CIE _{Lab}	72.62, 17.60, -11.80
CIE _{LCh}	73, 21.187, 326.155
Yxy	44.5929, 0.3154, 0.2899
Android (android.graphics.Color)	4291406024 (0xFFC9A8C8)
YUV	181.5150, 9.1131, 17.0883
Hunter-Lab	66.7779, 12.8222, -7.1436

Details

The XYZ color **48.5154, 44.5929, 60.6938** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.1983, 52.9641, 45.4322**, and the grayscale version is **44.1495, 46.4487, 50.5827**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **23.4663, 20.7691, 29.9662** is the 20% darker color. If you saturate the color by 10%, you get **45.0171, 37.7093, 59.1774**, and if you desaturate by 10%, it is **52.5903, 52.6276, 62.4048**.

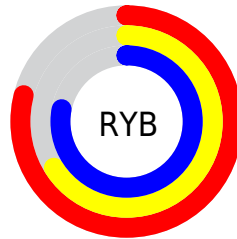
Distribution



Red (79%)

Green (66%)

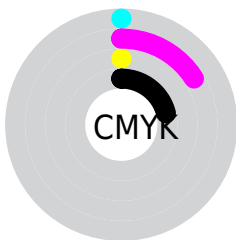
Blue (78%)



Red (79%)

Yellow (66%)

Blue (78%)

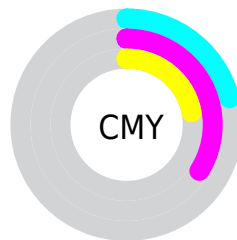


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (34%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5154, 44.5929, 60.6938 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 48.5154, 44.5929, 60.6938 by changing the saturation by 10% instead.


 48.5154, 44.5929,
60.6938


 48.5154, 44.5929,
60.6938


371.3801,
365.1223, 445.0258

 34.4482, 31.1369,
43.5492


 87.1763, 82.1092,
107.3887

 23.4026, 20.7031,
29.9816


 112.5008,
106.9382, 137.7760

 15.0134, 12.9072,
19.5727


142.3083,
136.3271, 173.4145

 8.9152, 7.3646,
11.9038

176.9643,
170.6602, 214.7230

 4.7426, 3.6912,
6.5565

216.8341,
210.3218, 262.1198

 2.1302, 1.5024,
3.1121

262.2831,

 0.7056, 0.2904,

255.6965, 316.0235

1.1522

313.6767,
307.1685, 376.8527

■ 0.0000, 0.0000,
0.0000

■ 48.5154, 44.5929,
60.6938

■ 48.5154, 44.5929,
60.6938

■ 45.0171, 37.7093,
59.1774

■ 52.5903, 52.6276,
62.4048

■ 42.0650, 31.9184,
57.8440

■ 57.2622, 61.8568,
64.3156

■ 39.6322, 27.1657,
56.6851

■ 62.5557, 72.3287,
66.4351

■ 37.6878, 23.3894,
55.6905

■ 68.4927, 84.0870,
68.7705

■ 36.1978, 20.5213,
54.8486

■ 70.6331, 88.2518,
69.8418

■ 35.1236, 18.4844,
54.1467

■ 70.7059, 88.2810,
70.2252

■ 34.4204, 17.1890,
53.5699

■ 70.7790, 88.3102,
70.6102

■ 34.0305, 16.5199,
53.0990

■ 70.8524, 88.3396,
70.9967

■ 33.9276, 16.3536,
52.9428

■ 70.9261, 88.3690,
71.3847

Harmonies

Analogous

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



45.5695, 44.5929, 69.0330



48.5154, 44.5929, 60.6938



49.8171, 44.5929, 49.9210

Triad

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



48.5154, 44.5929, 60.6938



42.8589, 44.5929, 31.0618



36.3640, 44.5929, 58.0123

Complementary

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



48.5154, 44.5929, 60.6938



44.1983, 52.9641, 45.4322

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.



35.7300, 44.5929, 47.2123



48.5154, 44.5929, 60.6938



39.3509, 44.5929, 32.5878

Square

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



48.5154, 44.5929, 60.6938



46.4345, 44.5929, 33.6371



36.7926, 44.5929, 38.1517



38.5766, 44.5929, 67.3347

Rectangle

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



48.5154, 44.5929, 60.6938



49.5252, 44.5929, 43.1485



36.7926, 44.5929, 38.1517



35.9649, 44.5929, 54.3933

Sweetspot

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



48.5167, 44.5948, 60.6948



91.0544, 92.1083, 107.2614



40.8130, 40.6099, 60.9467



19.3738, 19.4867, 22.9106



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.



48.5167, 44.5948, 60.6948



80.6348, 71.5665, 102.8716



46.7381, 43.8834, 51.3286



11.0687, 10.8109, 13.3449



21.3385, 10.2849, 33.3218



1.0148, 0.4888, 1.6013

Inverse Universe

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



48.5167, 44.5948, 60.6948



80.6348, 71.5665, 102.8716



45.7990, 53.6044, 53.8611



11.0687, 10.8109, 13.3449



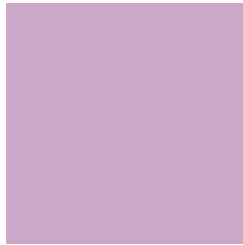
21.3385, 10.2849, 33.3218



1.0148, 0.4888, 1.6013

Previews

White Background



This preview shows how the XYZ color 48.5154, 44.5929, 60.6938 looks on a white background.

Color Contrast Check

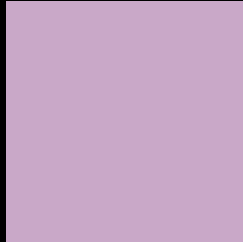
Large Text (above 18pt) WCAG AA × Fail

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 48.5154, 44.5929, 60.6938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

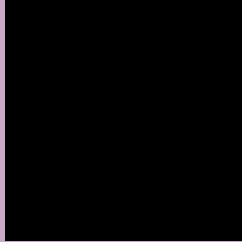
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5154, 44.5929, 60.6938

Background



This preview shows how black text looks on a background with the XYZ color 48.5154, 44.5929, 60.6938.



This preview shows how white text looks on a background with the XYZ color 48.5154, 44.5929,

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

48.5154, 44.5929, 60.6938

Protanopia

44.0963, 44.7847, 64.7127

Deuteranopia

45.6946, 44.8347, 60.2784



Tritanopia

46.7678, 44.7286, 51.5160

Trichromacy



Original Color

48.5154, 44.5929, 60.6938

Protanomaly

45.5636, 44.6990, 63.3531

Deuteranomaly

46.5472, 44.7049, 60.2084

Tritanomaly

47.4884, 44.7465, 54.8492

Monochromacy



Original Color

48.5154, 44.5929, 60.6938

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.8937, 45.9372, 54.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5154, 44.5929, 60.6938 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(201, 168, 200)` looks like.

```
.text, #text, p{  
    color:rgb(201, 168, 200)  
}
```

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(201, 168, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 168, 200) }
```

Border

The CSS property to change the border of an element to XYZ 48.5154, 44.5929, 60.6938 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(201, 168, 200) }
```


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

```
.border{ border-color:rgb(201, 168, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 168, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 168, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 168, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 168,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5154, 44.5929, 60.6938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 168, 200) }
```

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

```
.background{ background-color: rgb(201,  
168, 200) }
```

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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