

Converting Colors

XYZ(49.0424, 45.7358, 62.6571)

Have a look what the booklet for
XYZ(49.0424, 45.7358, 62.6571)
contains.

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Color

**XYZ(48.8956, 45.5797,
62.7206)**

Conversions

Conversions Part 1

Format	Color
Hex	C7ABCB
RGB	199, 171, 203
RGB Percent	78%, 67%, 80%
CMY	0.2196, 0.3294, 0.2039
CMYK	0.02, 0.16, 0.00, 0.20
HSL	293°, 24%, 73%
HSV	293°, 16%, 80%
XYZ	48.8956, 45.5797, 62.7206
YIQ	183.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

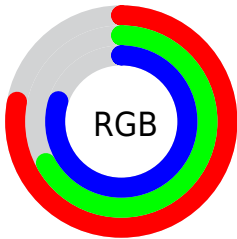
Format	Color
RYB	199, 171, 203
Decimal	13085643
CIELab	73.27, 15.84, -12.49
CIELCh	73, 20.174, 321.738
Yxy	45.5797, 0.3110, 0.2900
Android (android.graphics.Color)	4291275723 (0xFFC7ABCB)
YUV	183.0200, 9.8501, 14.0145
Hunter-Lab	67.5127, 11.1300, -7.8226

Details

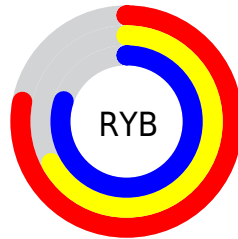
The XYZ color **48.8956, 45.5797, 62.7206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.3874, 54.7673, 46.6566**, and the grayscale version is **44.9671, 47.3089, 51.5193**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **23.6987, 21.3833, 31.3121** is the 20% darker color. If you saturate the color by 10%, you get **44.6846, 38.1481, 61.5088**, and if you desaturate by 10%, it is **53.7095, 54.1988, 64.1312**.

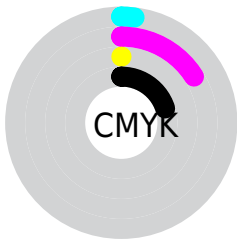
Distribution



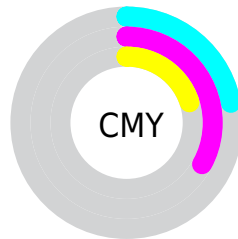
- Red (78%)
- Green (67%)
- Blue (80%)



- Red (78%)
- Yellow (67%)
- Blue (80%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8956, 45.5797, 62.7206 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 48.8956, 45.5797, 62.7206 by changing the saturation by 10% instead.

■ 48.8956, 45.5797,
62.7206

■ 48.8956, 45.5797,
62.7206

372.8550,
369.1163, 452.6348

■ 34.7509, 31.9143,
45.1757

■ 87.7380, 83.5896,
110.3480

■ 23.6366, 21.2960,
31.2519

113.1664,
108.7029, 141.2676

■ 15.1876, 13.3406,
20.5306

143.0868,
138.4010, 177.4824

■ 9.0383, 7.6635,
12.5935

177.8644,
173.0682, 219.4111

■ 4.8235, 3.8804,
7.0218

217.8647,
213.0889, 267.4721

■ 2.1778, 1.6069,
3.3971

263.4530,

■ 0.7310, 0.3622,

258.8476, 322.0840

1.3008

314.9946,
310.7286, 383.6654

■ 0.0000, 0.0000,
0.0624

■ 0.0000, 0.0000,
0.0000

■ 48.8956, 45.5797,
62.7206

■ 48.8956, 45.5797,
62.7206

■ 44.6846, 38.1481,
61.5088

■ 53.7095, 54.1988,
64.1312

■ 41.0454, 31.8445,
60.4839

■ 59.1472, 64.0496,
65.7460

■ 37.9506, 26.6131,
59.6372

■ 65.2338, 75.1813,
67.5739

■ 35.3687, 22.3910,
58.9584

■ 71.9918, 87.6388,
69.6222

33.2650, 19.1088,
58.4357

73.6014, 89.7827,
69.9512

31.6002, 16.6883,
58.0563

74.3373, 90.1621,
69.9856

30.3288, 15.0386,
57.8048

75.0848, 90.5474,
70.0206

29.3945, 14.0468,
57.6626

75.8438, 90.9387,
70.0561

29.0541, 13.7327,
57.6199

76.6145, 91.3360,
70.0922

Harmonies

Analogous

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



45.8951, 45.5797, 70.0519



48.8956, 45.5797, 62.7206



50.4213, 45.5797, 52.4860

Triad

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



48.8956, 45.5797, 62.7206



44.3087, 45.5797, 32.7132



37.2960, 45.5797, 57.2125

Complementary

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



48.8956, 45.5797, 62.7206



46.3874, 54.7673, 46.6566

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.



36.9227, 45.5797, 46.8767



48.8956, 45.5797, 62.7206



40.8472, 45.5797, 33.6191

Square

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



48.8956, 45.5797, 62.7206



47.6802, 45.5797, 35.8288



38.1892, 45.5797, 38.4982



39.2380, 45.5797, 66.5821

Rectangle

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



48.8956, 45.5797, 62.7206



50.3419, 45.5797, 45.7636



38.1892, 45.5797, 38.4982



36.9873, 45.5797, 53.7052

Sweetspot

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



48.8970, 45.5817, 62.7216



90.5327, 91.8322, 107.5615



42.9579, 43.7357, 62.6783



19.2465, 19.4193, 22.9839



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.



48.8970, 45.5817, 62.7216



79.3008, 71.7573, 104.2787



48.6263, 45.5976, 55.6839



11.5442, 11.3298, 14.1488



18.5426, 8.7666, 36.6711



0.9962, 0.4727, 1.8937

Inverse Universe

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



46.9309, 44.9195, 46.7563



75.4043, 70.4520, 72.3134



46.6716, 54.7787, 52.7696



11.2684, 11.2361, 11.9482



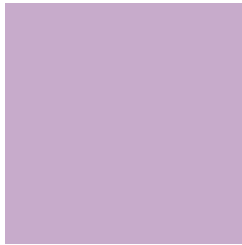
15.8063, 8.1331, 1.4326



0.8348, 0.4273, 0.1758

Previews

White Background



This preview shows how the XYZ color 48.8956, 45.5797, 62.7206 looks on a white background.

Color Contrast Check

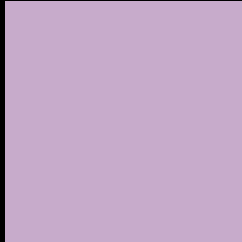
Large Text (above 18pt) WCAG AA × Fail

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 48.8956, 45.5797, 62.7206 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

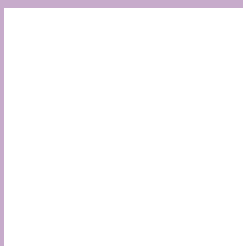
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8956, 45.5797, 62.7206

Background



This preview shows how black text looks on a background with the XYZ color 48.8956, 45.5797, 62.7206.



This preview shows how white text looks on a background with the XYZ color 48.8956, 45.5797,

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

48.8956, 45.5797, 62.7206

Protanopia

45.1845, 45.9082, 66.1542

Deuteranopia

46.4842, 45.4890, 62.2074



Tritanopia

47.1317, 45.7303, 53.3564

Trichromacy



Original Color

48.8956, 45.5797, 62.7206

Protanomaly

46.4331, 45.6972, 64.7657

Deuteranomaly

47.2826, 45.6127, 62.1892

Tritanomaly

47.8579, 45.7432, 56.7590

Monochromacy



Original Color

48.8956, 45.5797, 62.7206

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.4006, 46.7767, 55.2984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8956, 45.5797, 62.7206 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(199, 171, 203)` looks like.

```
.text, #text, p{  
    color:rgb(199, 171, 203)  
}
```

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(199, 171, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 171, 203) }
```

Border

The CSS property to change the border of an element to XYZ 48.8956, 45.5797, 62.7206 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(199, 171, 203) }
```


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

```
.border{ border-color:rgb(199, 171, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 171, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 171, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 171, 203); box-shadow:4px 4px 4px 4px rgb(199, 171, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8956, 45.5797, 62.7206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 171, 203) }
```

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

```
.background{ background-color: rgb(199,  
171, 203) }
```

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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