

Converting Colors

XYZ(52.8894, 48.2473, 72.1599)

Have a look what the booklet for
XYZ(52.8894, 48.2473, 72.1599)
contains.

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Color

**XYZ(52.8373, 48.2610,
72.1761)**

Conversions

Conversions Part 1

Format	Color
Hex	CDAED9
RGB	205, 174, 217
RGB Percent	80%, 68%, 85%
CMY	0.1961, 0.3176, 0.1490
CMYK	0.06, 0.20, 0.00, 0.15
HSL	283°, 36%, 77%
HSV	283°, 20%, 85%
XYZ	52.8373, 48.2610, 72.1761
YIQ	188.1710, 4.6730, 19.9450

Conversions

Conversions Part 2

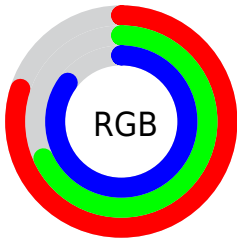
Format	Color
R _Y B	205, 174, 217
Decimal	13479641
CIE Lab	74.99, 18.93, -17.51
CIE LCh	75, 25.782, 317.233
Yxy	48.2610, 0.3049, 0.2785
Android (android.graphics.Color)	4291669721 (0xFFCDAED9)
YUV	188.1710, 14.2127, 14.7590
Hunter-Lab	69.4701, 14.1900, -12.9703

Details

The XYZ color **52.8373, 48.2610, 72.1761** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.7042, 63.1220, 49.4527**, and the grayscale version is **47.8183, 50.3086, 54.7860**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **25.9366, 22.7674, 37.2100** is the 20% darker color. If you saturate the color by 10%, you get **47.3410, 39.6999, 70.8141**, and if you desaturate by 10%, it is **59.0784, 58.2140, 73.7690**.

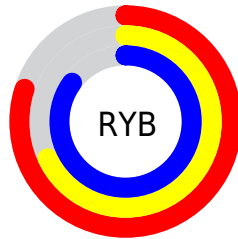
Distribution



Red (80%)

Green (68%)

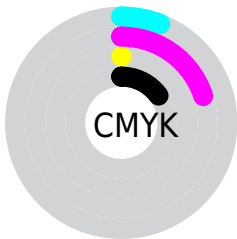
Blue (85%)



Red (80%)

Yellow (68%)

Blue (85%)

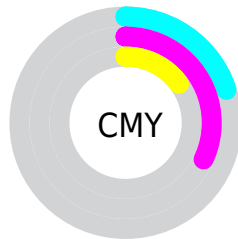


Cyan (6%)

Magenta (20%)

Yellow (0%)

Black (15%)



Cyan (20%)

Magenta (32%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8373, 48.2610, 72.1761 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 52.8373, 48.2610, 72.1761 by changing the saturation by 10% instead.

■ 52.8373, 48.2610,
72.1761

■ 52.8373, 48.2610,
72.1761

387.9317,
379.8257, 487.1483

■ 37.8999, 34.0336,
52.8148

■ 93.5319, 87.5929,
124.0169

■ 26.0818, 22.9194,
37.2683

120.0197,
113.4662, 157.3335

■ 17.0179, 14.5340,
25.1178

151.0883,
143.9902, 196.1390

■ 10.3426, 8.4930,
15.9451

187.1032,
179.5494, 240.8519

■ 5.6907, 4.4120,
9.3313

228.4296,
220.5282, 291.8907

■ 2.6968, 1.9066,
4.8582

275.4329,

■ 0.9955, 0.5523,

267.3109, 349.6741

2.1070

328.4785,
320.2820, 414.6204

■ 0.0000, 0.0000,
0.6199

■ 0.0000, 0.0000,
0.0000

■ 52.8373, 48.2610,
72.1761

■ 52.8373, 48.2610,
72.1761

■ 47.3410, 39.6999,
70.8141

■ 59.0784, 58.2140,
73.7690

■ 42.5520, 32.4593,
69.6689

■ 66.0909, 69.6136,
75.5998

■ 38.4358, 26.4705,
68.7299

■ 73.9055, 82.5192,
77.6789

■ 34.9533, 21.6562,
67.9842

■ 80.6697, 93.2250,
79.3888

■ 32.0607, 17.9303,
67.4175

■ 82.6385, 94.2400,
79.4810

■ 29.7085, 15.1947,
67.0134

■ 84.6755, 95.2901,
79.5763

■ 27.8379, 13.3330,
66.7527

■ 86.7812, 96.3756,
79.6748

■ 26.3467, 12.1419,
66.6013

■ 88.9564, 97.4969,
79.7766

■ 26.3204, 12.1218,
66.5989

■ 89.5245, 97.7898,
79.8032

Harmonies

Analogous

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



48.6032, 48.2610, 81.3801



52.8373, 48.2610, 72.1761



55.2709, 48.2610, 58.4838

Triad

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



52.8373, 48.2610, 72.1761



47.8989, 48.2610, 31.1143



37.7616, 48.2610, 60.6031

Complementary

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



52.8373, 48.2610, 72.1761



52.7042, 63.1220, 49.4527

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.



37.6016, 48.2610, 47.0281



52.8373, 48.2610, 72.1761



43.2425, 48.2610, 31.4841

Square

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



52.8373, 48.2610, 72.1761



52.2915, 48.2610, 35.7310



39.5449, 48.2610, 36.8462



39.9981, 48.2610, 73.9543

Rectangle

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



52.8373, 48.2610, 72.1761



55.4429, 48.2610, 49.3532



39.5449, 48.2610, 36.8462



37.4689, 48.2610, 55.8778

Sweetspot

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



52.8388, 48.2631, 72.1772



88.8083, 89.8228, 107.2646



47.5794, 49.2056, 72.6363



18.8686, 18.9988, 22.9226



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.



52.8388, 48.2631, 72.1772



72.5305, 63.8780, 103.1147



55.0990, 49.5643, 66.1344



13.2417, 13.0827, 16.4794



16.0403, 7.3932, 40.3200



1.1213, 0.5213, 2.6160

Inverse Universe

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



52.6159, 48.5711, 53.0585



72.2301, 64.4517, 70.1823



50.8503, 62.0577, 54.2731



13.2046, 13.1110, 14.3389



17.8638, 9.1466, 3.6628



1.1936, 0.6071, 0.4286

Previews

White Background



This preview shows how the XYZ color 52.8373, 48.2610, 72.1761 looks on a white background.

Color Contrast Check

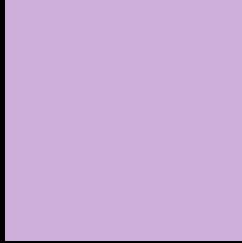
Large Text (above 18pt) WCAG AA × Fail

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 52.8373, 48.2610, 72.1761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

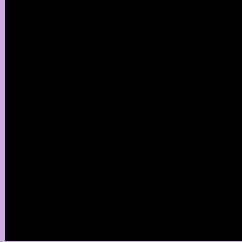
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8373, 48.2610, 72.1761

Background



This preview shows how black text looks on a background with the XYZ color 52.8373, 48.2610, 72.1761.



This preview shows how white text looks on a background with the XYZ color 52.8373, 48.2610,

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

52.8373, 48.2610, 72.1761

Protanopia

48.1573, 48.4248, 76.6208

Deuteranopia

49.4550, 48.2918, 71.6804



Tritanopia

49.5222, 48.0641, 56.5364

Trichromacy



Original Color

52.8373, 48.2610, 72.1761

Protanomaly

49.8659, 48.4278, 75.1259

Deuteranomaly

50.5632, 48.2680, 71.6174

Tritanomaly

50.6219, 48.2179, 61.8973

Monochromacy



Original Color

52.8373, 48.2610, 72.1761

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.4904, 49.4598, 60.9711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8373, 48.2610, 72.1761 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(205, 174, 217)` looks like.

```
.text, #text, p{  
    color:rgb(205, 174, 217)  
}
```

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(205, 174, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 174, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.8373, 48.2610, 72.1761 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(205, 174, 217) }
```


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

```
.border{ border-color:rgb(205, 174, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 174, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 174, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 174, 217);  
box-shadow:4px 4px 4px 4px rgb(205, 174,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8373, 48.2610, 72.1761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 174, 217) }
```

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

```
.background{ background-color: rgb(205,  
174, 217) }
```

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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