

Converting Colors

XYZ(52.4862, 48.5251, 71.9998)

Have a look what the booklet for
XYZ(52.4862, 48.5251, 71.9998)
contains.

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Color

**XYZ(52.6783, 48.7569,
72.2802)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB0D9
RGB	203, 176, 217
RGB Percent	80%, 69%, 85%
CMY	0.2039, 0.3098, 0.1490
CMYK	0.06, 0.19, 0.00, 0.15
HSL	280°, 35%, 77%
HSV	280°, 19%, 85%
XYZ	52.6783, 48.7569, 72.2802
YIQ	188.7470, 2.9310, 18.4750

Conversions

Conversions Part 2

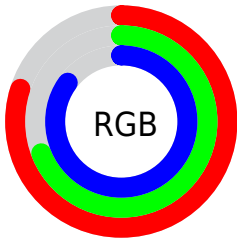
Format	Color
RYB	203, 176, 217
Decimal	13349081
CIELab	75.30, 17.18, -17.05
CIELCh	75, 24.205, 315.202
Yxy	48.7569, 0.3032, 0.2807
Android (android.graphics.Color)	4291539161 (0xFFCBB0D9)
YUV	188.7470, 13.9287, 12.4999
Hunter-Lab	69.8261, 12.4684, -12.4955

Details

The XYZ color **52.6783, 48.7569, 72.2802** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.8862, 63.7087, 50.5335**, and the grayscale version is **48.1483, 50.6558, 55.1642**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **25.9990, 23.1641, 37.2832** is the 20% darker color. If you saturate the color by 10%, you get **46.7893, 39.9027, 70.8823**, and if you desaturate by 10%, it is **59.3469, 59.0252, 73.9115**.

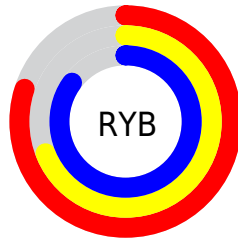
Distribution



Red (80%)

Green (69%)

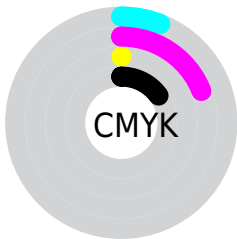
Blue (85%)



Red (80%)

Yellow (69%)

Blue (85%)

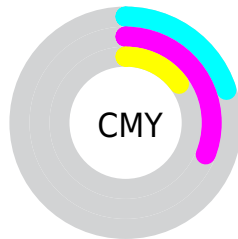


Cyan (6%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (20%)


Magenta (31%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6783, 48.7569, 72.2802 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 52.6783, 48.7569, 72.2802 by changing the saturation by 10% instead.


 52.6783, 48.7569,
72.2802

 52.6783, 48.7569,
72.2802


387.3308,
381.7845, 487.5200

 37.7725, 34.4267,
52.8994


 93.2991, 88.3303,
124.1662

 25.9826, 23.2216,
37.3353

119.7449,
114.3422, 157.5085

 16.9432, 14.7572,
25.1694


150.7679,
145.0169, 196.3417

 10.2891, 8.6492,
15.9831

186.7337,
180.7387, 241.0843

 5.6548, 4.5131,
9.3580

228.0075,
221.8919, 292.1549

 2.6750, 1.9645,
4.8754

274.9547,

 0.9843, 0.5867,

268.8610, 349.9721

2.1169

327.9407,
322.0304, 414.9542

■ 0.0000, 0.0000,
0.6258

■ 0.0000, 0.0000,
0.0000

■ 52.6783, 48.7569,
72.2802

■ 52.6783, 48.7569,
72.2802

■ 46.7893, 39.9027,
70.8823

■ 59.3469, 59.0252,
73.9115

■ 41.6418, 32.3911,
69.7037

■ 66.8219, 70.7622,
75.7830

■ 37.2010, 26.1539,
68.7339

■ 75.1345, 84.0273,
77.9052

■ 33.4275, 21.1141,
67.9600

■ 81.7720, 93.7933,
79.4404

■ 30.2774, 17.1860,
67.3678

■ 84.2374, 95.0642,
79.5558

■ 27.7011, 14.2726,
66.9412

■ 86.8055, 96.3881,
79.6760

■ 25.6401, 12.2592,
66.6612

■ 89.4776, 97.7656,
79.8010

■ 24.0035, 10.9662,
66.4979

■ 89.5245, 97.7898,
79.8032

■ 23.8349, 10.8405,
66.4826

Harmonies

Analogous

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



48.6206, 48.7569, 80.4001



52.6783, 48.7569, 72.2802



55.1106, 48.7569, 59.5916

Triad

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



52.6783, 48.7569, 72.2802



48.5605, 48.7569, 32.7566



38.5704, 48.7569, 59.7720

Complementary

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



52.6783, 48.7569, 72.2802



53.8862, 63.7087, 50.5335

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.



38.5566, 48.7569, 47.0756



52.6783, 48.7569, 72.2802



44.1357, 48.7569, 32.7890

Square

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



52.6783, 48.7569, 72.2802



52.6319, 48.7569, 37.5377



40.5353, 48.7569, 37.6347



40.5743, 48.7569, 72.4303

Rectangle

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



52.6783, 48.7569, 72.2802



55.3899, 48.7569, 50.8984



40.5353, 48.7569, 37.6347



38.3373, 48.7569, 55.3394

Sweetspot

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



52.6798, 48.7590, 72.2813



88.4657, 89.6462, 107.2485



48.9201, 51.2206, 72.9546



18.7875, 18.9570, 22.9188



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.



52.6798, 48.7590, 72.2813



72.1208, 64.5154, 103.2593



55.8811, 50.5000, 68.3327



13.1602, 13.0407, 16.4756



14.5455, 6.6227, 40.2501



1.0332, 0.4759, 2.6118

Inverse Universe

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



53.4365, 49.5222, 55.4597



73.5025, 65.8754, 74.0632



51.1781, 62.2407, 53.6557



13.2386, 13.1245, 14.5178



18.1171, 9.2479, 4.9967



1.2133, 0.6150, 0.5323

Previews

White Background



This preview shows how the XYZ color 52.6783, 48.7569, 72.2802 looks on a white background.

Color Contrast Check

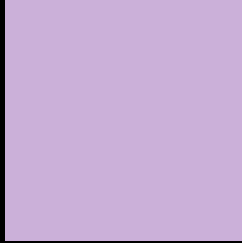
Large Text (above 18pt) WCAG AA × Fail

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 52.6783, 48.7569, 72.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

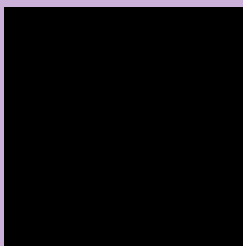
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6783, 48.7569, 72.2802

Background



This preview shows how black text looks on a background with the XYZ color 52.6783, 48.7569, 72.2802.



This preview shows how white text looks on a background with the XYZ color 52.6783, 48.7569,

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

52.6783, 48.7569, 72.2802

Protanopia

48.4568, 48.9020, 75.9923

Deuteranopia

49.9048, 48.8244, 71.7595



Tritanopia

49.6121, 48.6797, 57.8202

Trichromacy



Original Color

52.6783, 48.7569, 72.2802

Protanomaly

49.6918, 48.6542, 74.4823

Deuteranomaly

50.7629, 48.6674, 71.6840

Tritanomaly

50.6002, 48.7838, 62.6264

Monochromacy



Original Color

52.6783, 48.7569, 72.2802

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.6974, 49.8738, 61.0401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6783, 48.7569, 72.2802 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(203, 176, 217)` looks like.

```
.text, #text, p{  
    color:rgb(203, 176, 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(203, 176, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 176, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.6783, 48.7569, 72.2802 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(203, 176, 217) }
```


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

```
.border{ border-color:rgb(203, 176, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 176, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 176, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 176, 217);  
box-shadow:4px 4px 4px 4px rgb(203, 176,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6783, 48.7569, 72.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 176, 217) }
```

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

```
.background{ background-color: rgb(203,  
176, 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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