

Converting Colors

XYZ(52.8318, 48.7181, 70.8674)

Have a look what the booklet for
XYZ(52.8318, 48.7181, 70.8674)
contains.

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Color

**XYZ(52.7726, 48.5454,
70.8788)**

Conversions

Conversions Part 1

Format	Color
Hex	CDAFD7
RGB	205, 175, 215
RGB Percent	80%, 69%, 84%
CMY	0.1961, 0.3137, 0.1569
CMYK	0.05, 0.19, 0.00, 0.16
HSL	285°, 33%, 76%
HSV	285°, 19%, 84%
XYZ	52.7726, 48.5454, 70.8788
YIQ	188.5300, 5.0400, 18.8000

Conversions

Conversions Part 2

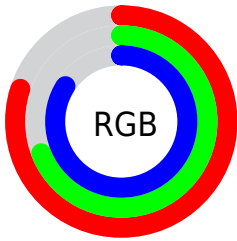
Format	Color
R_{YB}	205, 175, 215
Decimal	13479895
CIE _{Lab}	75.17, 17.99, -16.15
CIE _{LCh}	75, 24.174, 318.089
Yxy	48.5454, 0.3065, 0.2819
Android (android.graphics.Color)	4291669975 (0xFFCDAFD7)
YUV	188.5300, 13.0497, 14.4442
Hunter-Lab	69.6745, 13.2683, -11.5426

Details

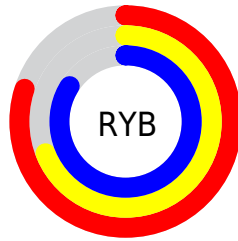
The XYZ color **52.7726, 48.5454, 70.8788** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0476, 62.0116, 49.7860**, and the grayscale version is **48.0287, 50.5300, 55.0271**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **26.0672, 23.0364, 36.3303** is the 20% darker color. If you saturate the color by 10%, you get **47.4597, 40.0823, 69.5260**, and if you desaturate by 10%, it is **58.8057, 58.3713, 72.4582**.

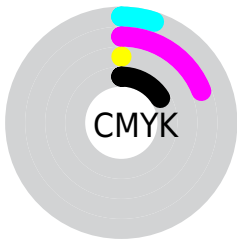
Distribution



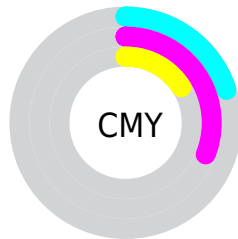
- Red (80%)
- Green (69%)
- Blue (84%)



- Red (80%)
- Yellow (69%)
- Blue (84%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (16%)





- Cyan (20%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7726, 48.5454, 70.8788 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 52.7726, 48.5454, 70.8788 by changing the saturation by 10% instead.


 52.7726, 48.5454,
70.8788

 52.7726, 48.5454,
70.8788

387.6872,
380.9499, 482.5019

 37.8480, 34.2590,
51.7621

 93.4372, 88.0159,
122.1540

 26.0414, 23.0926,
36.4345


119.9079,
113.9688, 155.1495

 16.9875, 14.6619,
24.4776


150.9580,
144.5793, 193.6084

 10.3208, 8.5825,
15.4728

186.9529,
180.2318, 237.9491

 5.6761, 4.4699,
9.0016

228.2579,
221.3107, 288.5903

 2.6879, 1.9397,
4.6454

275.2384,

 0.9910, 0.5721,

268.2005, 345.9505

1.9857

328.2597,
321.2854, 410.4482

■ 0.0000, 0.0000,
0.5464

■ 0.0000, 0.0000,
0.0000

■ 52.7726, 48.5454,
70.8788

■ 52.7726, 48.5454,
70.8788

■ 47.4597, 40.0823,
69.5260

■ 58.8057, 58.3713,
72.4582

■ 42.8305, 32.9127,
68.3861

■ 65.5843, 69.6129,
74.2707

■ 38.8520, 26.9703,
67.4488

■ 73.1380, 82.3276,
76.3268

■ 35.4865, 22.1806,
66.7017

■ 79.5477, 92.6765,
77.9865

■ 32.6921, 18.4607,
66.1310

■ 81.2649, 93.5617,
78.0668

■ 30.4215, 15.7165,
65.7209

■ 83.0354, 94.4744,
78.1497

■ 28.6188, 13.8370,
65.4532

■ 84.8598, 95.4149,
78.2351

■ 27.1989, 12.6530,
65.2995

■ 86.7384, 96.3834,
78.3230

■ 27.0142, 12.5094,
65.2815

■ 88.6718, 97.3801,
78.4135

Harmonies

Analogous

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



48.8358, 48.5454, 79.5943



52.7726, 48.5454, 70.8788



54.9847, 48.5454, 58.0524

Triad

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



52.7726, 48.5454, 70.8788



47.9208, 48.5454, 32.4059



38.5105, 48.5454, 60.7974

Complementary

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



52.7726, 48.5454, 70.8788



52.0476, 62.0116, 49.7860

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.



38.3003, 48.5454, 47.9825



52.7726, 48.5454, 70.8788



43.5471, 48.5454, 32.8993

Square

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



52.7726, 48.5454, 70.8788



52.0660, 48.5454, 36.7066



40.0895, 48.5454, 38.1836



40.6834, 48.5454, 73.1631

Rectangle

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



52.7726, 48.5454, 70.8788



55.0956, 48.5454, 49.4997



40.0895, 48.5454, 38.1836



38.2133, 48.5454, 56.3642

Sweetspot

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



52.7741, 48.5475, 70.8799



88.9685, 89.9054, 107.2721



47.4357, 48.9999, 71.2486



18.9065, 19.0183, 22.9244



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.



52.7741, 48.5475, 70.8799



74.7174, 66.7172, 103.5474



54.4559, 49.5491, 64.8755



12.6357, 12.4691, 15.6783



16.2590, 7.5343, 39.0505



1.0542, 0.4923, 2.3588

Inverse Universe

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



52.1129, 48.6119, 52.5376



73.6412, 66.8612, 71.9253



50.6681, 61.1908, 54.6734



12.5493, 12.4712, 13.5671



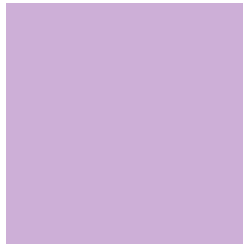
17.1927, 8.8134, 3.0530



1.0705, 0.5450, 0.3605

Previews

White Background



This preview shows how the XYZ color 52.7726, 48.5454, 70.8788 looks on a white background.

Color Contrast Check

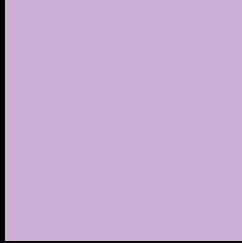
Large Text (above 18pt) WCAG AA × Fail

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 52.7726, 48.5454, 70.8788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

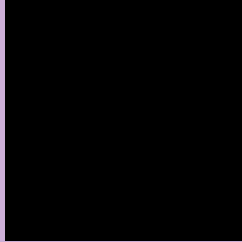
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7726, 48.5454, 70.8788

Background



This preview shows how black text looks on a background with the XYZ color 52.7726, 48.5454, 70.8788.



This preview shows how white text looks on a background with the XYZ color 52.7726, 48.5454,

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

52.7726, 48.5454, 70.8788

Protanopia

48.5517, 48.9664, 75.2991

Deuteranopia

49.8967, 48.8499, 70.4175



Tritanopia

50.1029, 48.6470, 57.2012

Trichromacy



Original Color

52.7726, 48.5454, 70.8788

Protanomaly

50.0491, 48.8536, 73.8096

Deuteranomaly

50.7634, 48.6973, 70.3423

Tritanomaly

51.0916, 48.7543, 61.9761

Monochromacy



Original Color

52.7726, 48.5454, 70.8788

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.8392, 49.9603, 60.4426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7726, 48.5454, 70.8788 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, 175, 215)` looks like.

```
.text, #text, p{  
    color:rgb(205, 175, 215)  
}
```

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, 175, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 175, 215) }
```

Border

The CSS property to change the border of an element to XYZ 52.7726, 48.5454, 70.8788 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, 175, 215) }
```


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

```
.border{ border-color:rgb(205, 175, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 175, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 175, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 175, 215);  
box-shadow:4px 4px 4px 4px rgb(205, 175,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7726, 48.5454, 70.8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 175, 215) }
```

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

```
.background{ background-color: rgb(205,  
175, 215) }
```

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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