

Converting Colors

XYZ(52.5480, 48.4154, 71.5475)

Have a look what the booklet for
XYZ(52.5480, 48.4154, 71.5475)
contains.

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Color

**XYZ(52.6265, 48.4552,
71.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	CCAFD8
RGB	204, 175, 216
RGB Percent	80%, 69%, 85%
CMY	0.2000, 0.3137, 0.1529
CMYK	0.06, 0.19, 0.00, 0.15
HSL	282°, 34%, 77%
HSV	282°, 19%, 85%
XYZ	52.6265, 48.4552, 71.5448
YIQ	188.3450, 4.1230, 18.8990

Conversions

Conversions Part 2

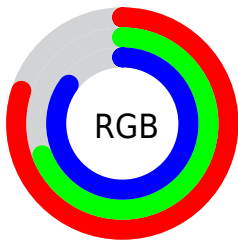
Format	Color
R_{YB}	204, 175, 216
Decimal	13414360
CIE _{Lab}	75.11, 17.85, -16.79
CIE _{LCh}	75, 24.506, 316.766
Yxy	48.4552, 0.3049, 0.2807
Android (android.graphics.Color)	4291604440 (0xFFCCAFD8)
YUV	188.3450, 13.6339, 13.7294
Hunter-Lab	69.6098, 13.1328, -12.2113

Details

The XYZ color **52.6265, 48.4552, 71.5448** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.7889, 62.7729, 49.8939**, and the grayscale version is **47.9206, 50.4162, 54.9032**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **25.9702, 22.9763, 36.7843** is the 20% darker color. If you saturate the color by 10%, you get **47.0567, 39.8353, 70.1753**, and if you desaturate by 10%, it is **58.9421, 58.4604, 73.1439**.

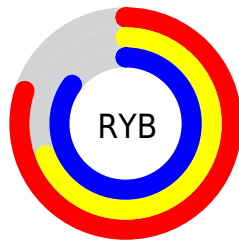
Distribution



Red (80%)

Green (69%)

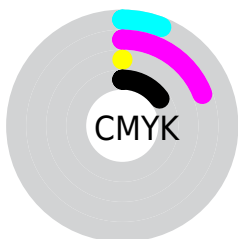
Blue (85%)



Red (80%)

Yellow (69%)

Blue (85%)

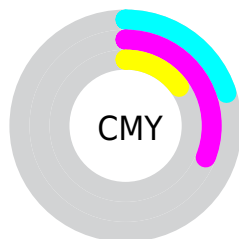


Cyan (6%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (20%)


Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6265, 48.4552, 71.5448 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 52.6265, 48.4552, 71.5448 by changing the saturation by 10% instead.


 52.6265, 48.4552,
71.5448

 52.6265, 48.4552,
71.5448


387.1349,
380.5936, 484.8905

 37.7310, 34.1875,
52.3024


 93.2233, 87.8818,
123.1108

 25.9502, 23.0377,
36.8622


119.6553,
113.8094, 156.2715

 16.9189, 14.6213,
24.8059


150.6635,
144.3925, 194.9086

 10.2716, 8.5541,
15.7148

186.6132,
180.0155, 239.4408

 5.6431, 4.4515,
9.1704

227.8699,
221.0627, 290.2865

 2.6679, 1.9292,
4.7542

274.7988,

 0.9807, 0.5658,

267.9185, 347.8644

2.0476

327.7653,
320.9673, 412.5929

■ 0.0000, 0.0000,
0.5843

■ 0.0000, 0.0000,
0.0000

■ 52.6265, 48.4552,
71.5448

■ 52.6265, 48.4552,
71.5448

■ 47.0567, 39.8353,
70.1753

■ 58.9421, 58.4604,
73.1439

■ 42.1954, 32.5302,
69.0215

■ 66.0295, 69.9046,
74.9793

■ 38.0089, 26.4726,
68.0729

■ 73.9191, 82.8462,
77.0614

■ 34.4585, 21.5865,
67.3169

■ 80.5607, 93.1838,
78.7067

31.5014, 17.7877,
66.7395

82.6184, 94.2446,
78.8030

29.0889, 14.9801,
66.3247

84.7504, 95.3436,
78.9028

27.1640, 13.0506,
66.0538

86.9574, 96.4814,
79.0061

25.6358, 11.8194,
65.8967

89.2402, 97.6582,
79.1129

25.4900, 11.7088,
65.8830

89.3948, 97.7379,
79.1202

Harmonies

Analogous

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



48.5872, 48.4552, 80.1091



52.6265, 48.4552, 71.5448



54.9680, 48.4552, 58.6166

Triad

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



52.6265, 48.4552, 71.5448



48.0574, 48.4552, 32.1887



38.2834, 48.4552, 60.2073

Complementary

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



52.6265, 48.4552, 71.5448



52.7889, 62.7729, 49.8939

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.



38.1620, 48.4552, 47.3061



52.6265, 48.4552, 71.5448



43.6127, 48.4552, 32.4728

Square

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



52.6265, 48.4552, 71.5448



52.2170, 48.4552, 36.7372



40.0551, 48.4552, 37.5889



40.3983, 48.4552, 72.8710

Rectangle

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



52.6265, 48.4552, 71.5448



55.1584, 48.4552, 49.9037



40.0551, 48.4552, 37.5889



38.0131, 48.4552, 55.7221

Sweetspot

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



52.6280, 48.4573, 71.5459



88.7334, 89.7842, 107.2611



47.9098, 49.7420, 72.0425



18.8509, 18.9896, 22.9218



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.



52.6280, 48.4573, 71.5459



73.0730, 65.0063, 103.3038



55.0109, 49.8051, 66.2607



12.5825, 12.4417, 15.6758



15.1996, 6.9882, 39.0009



0.9974, 0.4631, 2.3561

Inverse Universe

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



52.6201, 48.8489, 53.6713



73.1349, 65.7283, 72.1272



50.8049, 61.6542, 54.1338



12.5713, 12.4800, 13.6826



17.3378, 8.8714, 3.8169



1.0817, 0.5494, 0.4194

Previews

White Background



This preview shows how the XYZ color 52.6265, 48.4552, 71.5448 looks on a white background.

Color Contrast Check

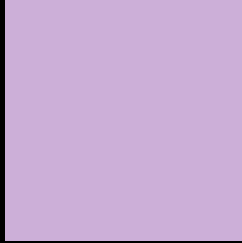
Large Text (above 18pt) WCAG AA × Fail

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 52.6265, 48.4552, 71.5448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

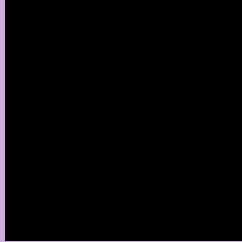
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6265, 48.4552, 71.5448

Background



This preview shows how black text looks on a background with the XYZ color 52.6265, 48.4552, 71.5448.



This preview shows how white text looks on a background with the XYZ color 52.6265, 48.4552,

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

52.6265, 48.4552, 71.5448

Protanopia

48.2498, 48.4880, 75.9233

Deuteranopia

49.7759, 48.7729, 71.0806



Tritanopia

49.8331, 48.5080, 57.1886

Trichromacy



Original Color

52.6265, 48.4552, 71.5448

Protanomaly

49.7330, 48.3746, 74.4262

Deuteranomaly

50.6340, 48.6158, 71.0051

Tritanomaly

50.8201, 48.6144, 61.9633

Monochromacy



Original Color

52.6265, 48.4552, 71.5448

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3747, 49.4135, 60.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6265, 48.4552, 71.5448 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(204, 175, 216)` looks like.

```
.text, #text, p{  
    color:rgb(204, 175, 216)  
}
```

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(204, 175, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 175, 216) }
```

Border

The CSS property to change the border of an element to XYZ 52.6265, 48.4552, 71.5448 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(204, 175, 216) }
```


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

```
.border{ border-color:rgb(204, 175, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 175, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 175, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 175, 216);  
box-shadow:4px 4px 4px 4px rgb(204, 175,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6265, 48.4552, 71.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 175, 216) }
```

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

```
.background{ background-color: rgb(204,  
175, 216) }
```

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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