

Converting Colors

XYZ(52.5416, 48.2941, 64.8599)

Have a look what the booklet for
XYZ(52.5416, 48.2941, 64.8599)
contains.

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Color

**XYZ(52.5711, 48.2836,
64.9414)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AECE
RGB	209, 174, 206
RGB Percent	82%, 68%, 81%
CMY	0.1804, 0.3176, 0.1922
CMYK	0.00, 0.17, 0.01, 0.18
HSL	305°, 28%, 75%
HSV	305°, 17%, 82%
XYZ	52.5711, 48.2836, 64.9414
YIQ	188.1130, 10.5880, 17.3720

Conversions

Conversions Part 2

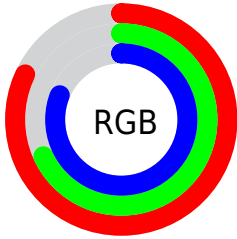
Format	Color
R _{YB}	209, 174, 206
Decimal	13741774
CIE Lab	75.00, 18.17, -11.45
CIE LCh	75, 21.480, 327.791
Yxy	48.2836, 0.3171, 0.2912
Android (android.graphics.Color)	4291931854 (0xFFD1AECE)
YUV	188.1130, 8.8183, 18.3179
Hunter-Lab	69.4864, 13.4460, -6.7714

Details

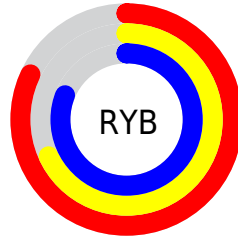
The XYZ color **52.5711, 48.2836, 64.9414** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.1937, 57.7753, 50.2092**, and the grayscale version is **47.8126, 50.3026, 54.7795**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **25.8313, 22.8118, 32.7474** is the 20% darker color. If you saturate the color by 10%, you get **48.6274, 40.7419, 62.5595**, and if you desaturate by 10%, it is **57.1483, 57.0870, 67.5478**.

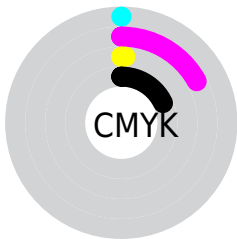
Distribution



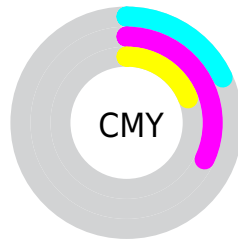
- Red (82%)
- Green (68%)
- Blue (81%)



- Red (82%)
- Yellow (68%)
- Blue (81%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (18%)





- Cyan (18%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5711, 48.2836, 64.9414 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 52.5711, 48.2836, 64.9414 by changing the saturation by 10% instead.


 52.5711, 48.2836,
64.9414

 52.5711, 48.2836,
64.9414


386.9253,
379.9151, 460.8818

 37.6866, 34.0515,
46.9625


 93.1422, 87.6265,
113.5781

 25.9156, 22.9332,
32.6519


119.5595,
113.5061, 145.0730

 16.8929, 14.5442,
21.5910


150.5518,
144.0371, 181.9102

 10.2530, 8.5001,
13.3612

186.4844,
179.6037, 224.5085

 5.6306, 4.4166,
7.5441

227.7227,
220.5904, 273.2862

 2.6603, 1.9092,
3.7211

274.6320,

 0.9768, 0.5539,

267.3817, 328.6620

1.4736

327.5778,
320.3618, 391.0543

■ 0.0000, 0.0000,
0.1982

■ 0.0000, 0.0000,
0.0000

■ 52.5711, 48.2836,
64.9414

■ 52.5711, 48.2836,
64.9414

■ 48.6274, 40.7419,
62.5595

■ 57.1483, 57.0870,
67.5478

■ 45.2841, 34.3976,
60.3894

■ 62.3819, 67.1998,
70.3847

■ 42.5112, 29.1904,
58.4217

■ 68.2988, 78.6753,
73.4617

■ 40.2748, 25.0520,
56.6448

■ 74.0864, 89.8881,
76.5080

■ 38.5370, 21.9072,
55.0463

■ 74.3154, 89.9797,
77.7138

■ 37.2554, 19.6706,
53.6118

■ 74.5469, 90.0723,
78.9329

■ 36.3801, 18.2428,
52.3248

■ 74.7810, 90.1659,
80.1653

■ 35.8463, 17.4942,
51.1636

■ 75.0175, 90.2606,
81.4111

■ 35.7081, 17.3208,
50.8000

■ 75.2566, 90.3562,
82.6702

Harmonies

Analogous

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



49.4977, 48.2836, 74.0803



52.5711, 48.2836, 64.9414



53.8454, 48.2836, 53.4094

Triad

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



52.5711, 48.2836, 64.9414



46.1834, 48.2836, 33.8141



39.5405, 48.2836, 63.2956

Complementary

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



52.5711, 48.2836, 64.9414



48.1937, 57.7753, 50.2092

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.



38.7633, 48.2836, 51.7446



52.5711, 48.2836, 64.9414



42.4661, 48.2836, 35.6915

Square

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



52.5711, 48.2836, 64.9414



50.0290, 48.2836, 36.3384



39.8042, 48.2836, 41.8834



41.9898, 48.2836, 73.0390

Rectangle

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



52.5711, 48.2836, 64.9414



53.4515, 48.2836, 46.2477



39.8042, 48.2836, 41.8834



39.0813, 48.2836, 59.4494

Sweetspot

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



52.5725, 48.2857, 64.9424



90.9411, 92.0630, 106.6647



44.7592, 44.2153, 66.4978



19.3461, 19.4756, 22.7650



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.



52.5725, 48.2857, 64.9424



80.1868, 71.3873, 100.5124



50.5723, 47.4856, 54.4094



12.2653, 11.9908, 14.6727



22.0345, 10.6866, 31.4174



1.2452, 0.6028, 1.8260

Inverse Universe

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



52.5725, 48.2857, 64.9424



80.1868, 71.3873, 100.5124



50.0422, 58.5147, 59.9432



12.2653, 11.9908, 14.6727



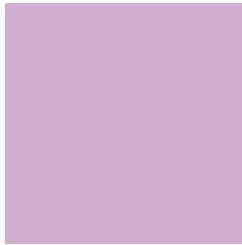
22.0345, 10.6866, 31.4174



1.2452, 0.6028, 1.8260

Previews

White Background



This preview shows how the XYZ color 52.5711, 48.2836, 64.9414 looks on a white background.

Color Contrast Check

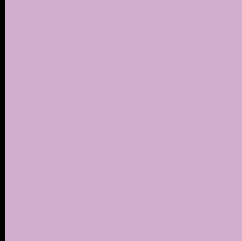
Large Text (above 18pt) WCAG AA × Fail

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 52.5711, 48.2836, 64.9414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

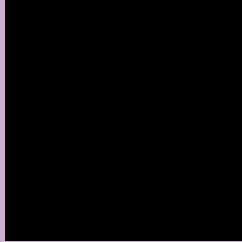
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5711, 48.2836, 64.9414

Background



This preview shows how black text looks on a background with the XYZ color 52.5711, 48.2836, 64.9414.



This preview shows how white text looks on a background with the XYZ color 52.5711, 48.2836,

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

52.5711, 48.2836, 64.9414

Protanopia

47.6395, 48.3237, 69.1039

Deuteranopia

49.3330, 48.3878, 64.4972



Tritanopia

50.7485, 48.4274, 55.3879

Trichromacy



Original Color

52.5711, 48.2836, 64.9414

Protanomaly

49.4400, 48.3720, 67.7037

Deuteranomaly

50.4930, 48.3907, 64.4367

Tritanomaly

51.5016, 48.4461, 58.8612

Monochromacy



Original Color

52.5711, 48.2836, 64.9414

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.5488, 49.5429, 58.5810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5711, 48.2836, 64.9414 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(209, 174, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 174, 206)  
}
```

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(209, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 174, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.5711, 48.2836, 64.9414 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(209, 174, 206) }
```


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

```
.border{ border-color:rgb(209, 174, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 174,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5711, 48.2836, 64.9414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 174, 206) }
```

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

```
.background{ background-color: rgb(209,  
174, 206) }
```

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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