

Converting Colors

XYZ(48.2818, 37.8129, 62.4778)

Have a look what the booklet for
XYZ(48.2818, 37.8129, 62.4778)
contains.

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Color

**XYZ(48.2759, 37.7537,
62.5004)**

Conversions

Conversions Part 1

Format	Color
Hex	D68DCD
RGB	214, 141, 205
RGB Percent	84%, 55%, 80%
CMY	0.1608, 0.4470, 0.1961
CMYK	0.00, 0.34, 0.04, 0.16
HSL	307°, 47%, 70%
HSV	307°, 34%, 84%
XYZ	48.2759, 37.7537, 62.5004
YIQ	170.1230, 22.9640, 35.3800

Conversions

Conversions Part 2

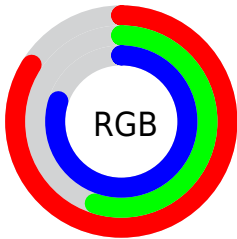
Format	Color
R _Y B	214, 141, 205
Decimal	14061005
CIE Lab	67.84, 37.56, -21.67
CIE LCh	68, 43.361, 330.022
Yxy	37.7537, 0.3250, 0.2542
Android (android.graphics.Color)	4292251085 (0xFFD68DCD)
YUV	170.1230, 17.1944, 38.4801
Hunter-Lab	61.4440, 32.7184, -17.2985

Details

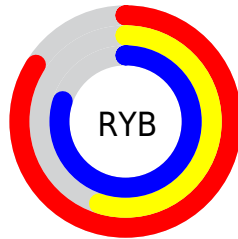
The XYZ color **48.2759, 37.7537, 62.5004** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.5377, 55.9591, 37.5211**, and the grayscale version is **38.1798, 40.1681, 43.7431**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **23.2588, 16.6482, 31.2657** is the 20% darker color. If you saturate the color by 10%, you get **45.1046, 31.9159, 59.8854**, and if you desaturate by 10%, it is **52.0646, 44.8163, 65.3485**.

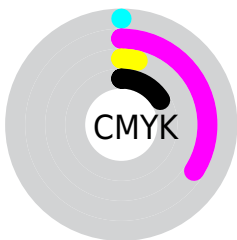
Distribution



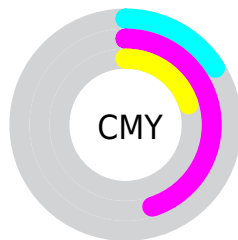
- Red (84%)
- Green (55%)
- Blue (80%)



- Red (84%)
- Yellow (55%)
- Blue (80%)



- Cyan (0%)
- Magenta (34%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2759, 37.7537, 62.5004 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 48.2759, 37.7537, 62.5004 by changing the saturation by 10% instead.


 48.2759, 37.7537,
62.5004


 48.2759, 37.7537,
62.5004


370.4491,
336.5622, 451.8120


 34.2576, 25.7916,
44.9988


 86.8223, 71.7305,
110.0270

 23.2554, 16.6678,
31.1135


 112.0810, 94.5139,
140.8891

 14.9039, 9.9979,
20.4261


 141.8173,
121.6732, 177.0417

 8.8379, 5.3976,
12.5180

176.3965,
153.5929, 218.9034

 4.6918, 2.4824,
6.9707

216.1839,
190.6572, 266.8928

 2.1005, 0.8678,
3.3656

261.5449,

 0.6895, 0.0000,

233.2506, 321.4283

1.2842

312.8448,
281.7575, 382.9285

■ 0.0000, 0.0000,
0.0488

■ 0.0000, 0.0000,
0.0000

■ 48.2759, 37.7537,
62.5004

■ 48.2759, 37.7537,
62.5004

■ 45.1046, 31.9159,
59.8854

■ 52.0646, 44.8163,
65.3485

■ 42.5118, 27.2273,
57.4892

■ 56.4995, 53.1635,
68.4383

■ 40.4599, 23.6119,
55.2995

■ 61.6121, 62.8572,
71.7807

■ 38.9052, 20.9824,
53.3017

■ 67.4305, 73.9539,
75.3853

37.7972, 19.2379,
51.4787

73.9814, 86.5067,
79.2611

37.0745, 18.2556,
49.8101

76.5208, 91.0279,
81.8268

36.7676, 17.9106,
48.8789

76.8748, 91.1695,
83.6913

77.2345, 91.3133,
85.5851

77.5997, 91.4594,
87.5082

Harmonies

Analogous

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



42.7423, 37.7537, 82.1763



48.2759, 37.7537, 62.5004



50.4126, 37.7537, 41.0930

Triad

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



48.2759, 37.7537, 62.5004



35.8787, 37.7537, 14.1015



25.8215, 37.7537, 62.5333

Complementary

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



48.2759, 37.7537, 62.5004



40.5377, 55.9591, 37.5211

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.



24.4547, 37.7537, 41.1217



48.2759, 37.7537, 62.5004



29.8012, 37.7537, 16.6763

Square

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



48.2759, 37.7537, 62.5004



42.7326, 37.7537, 16.6684



25.8175, 37.7537, 25.2553



29.8089, 37.7537, 82.1992

Rectangle

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



48.2759, 37.7537, 62.5004



49.4396, 37.7537, 29.6978



25.8175, 37.7537, 25.2553



25.0643, 37.7537, 55.1187

Sweetspot

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



48.2771, 37.7554, 62.5012



86.9457, 84.5949, 103.7217



34.1531, 30.3450, 67.6763



18.3843, 17.6794, 22.0517



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.



48.2771, 37.7554, 62.5012



68.2617, 49.6340, 90.0728



44.4177, 36.2116, 42.1782



12.8840, 12.6051, 15.3296



22.2496, 10.8362, 29.6821



1.3609, 0.6612, 1.8900

Inverse Universe

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



48.2771, 37.7554, 62.5012



68.2617, 49.6340, 90.0728



43.8972, 57.3029, 55.2121



12.8840, 12.6051, 15.3296



22.2496, 10.8362, 29.6821



1.3609, 0.6612, 1.8900

Previews

White Background



This preview shows how the XYZ color 48.2759, 37.7537, 62.5004 looks on a white background.

Color Contrast Check

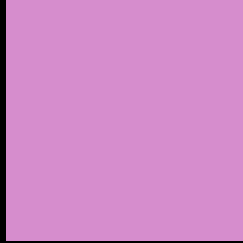
Large Text (above 18pt) WCAG AA × Fail

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 48.2759, 37.7537, 62.5004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

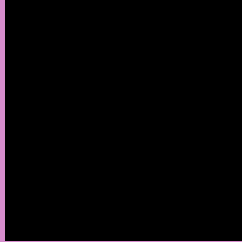
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2759, 37.7537, 62.5004

Background



This preview shows how black text looks on a background with the XYZ color 48.2759, 37.7537, 62.5004.



This preview shows how white text looks on a background with the XYZ color 48.2759, 37.7537,

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

48.2759, 37.7537, 62.5004

Protanopia

38.7210, 38.1609, 73.7316

Deuteranopia

38.7728, 37.9502, 60.5399



Tritanopia

43.3518, 37.7958, 38.7286

Trichromacy



Original Color

48.2759, 37.7537, 62.5004

Protanomaly

41.3878, 37.5675, 69.3599

Deuteranomaly

41.5077, 37.3206, 60.8930

Tritanomaly

44.9479, 37.7434, 46.5112

Monochromacy



Original Color

48.2759, 37.7537, 62.5004

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.1951, 38.6543, 50.0896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2759, 37.7537, 62.5004 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(214, 141, 205) looks like.

```
.text, #text, p{  
    color:rgb(214, 141, 205)  
}
```

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(214, 141, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 141, 205) }
```

Border

The CSS property to change the border of an element to XYZ 48.2759, 37.7537, 62.5004 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(214, 141, 205) }
```


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

```
.border{ border-color:rgb(214, 141, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 141, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 141, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 141, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 141,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2759, 37.7537, 62.5004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 141, 205) }
```

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

```
.background{ background-color: rgb(214,  
141, 205) }
```

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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