

Converting Colors

XYZ(42.4003, 36.9781, 48.5163)

Have a look what the booklet for
XYZ(42.4003, 36.9781, 48.5163)
contains.

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Color

**XYZ(42.5355, 37.1547,
48.6458)**

Conversions

Conversions Part 1

Format	Color
Hex	C696B5
RGB	198, 150, 181
RGB Percent	78%, 59%, 71%
CMY	0.2235, 0.4117, 0.2902
CMYK	0.00, 0.24, 0.09, 0.22
HSL	321°, 30%, 68%
HSV	321°, 24%, 78%
XYZ	42.5355, 37.1547, 48.6458
YIQ	167.8860, 18.6570, 19.8170

Conversions

Conversions Part 2

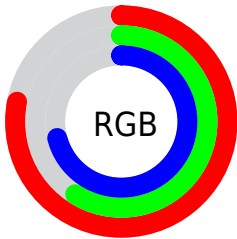
Format	Color
RYB	198, 150, 181
Decimal	13014709
CIELab	67.39, 23.00, -9.11
CIElCh	67, 24.737, 338.382
Yxy	37.1547, 0.3314, 0.2895
Android (android.graphics.Color)	4291204789 (0xFFC696B5)
YUV	167.8860, 6.4652, 26.4100
Hunter-Lab	60.9547, 17.8906, -4.6490

Details

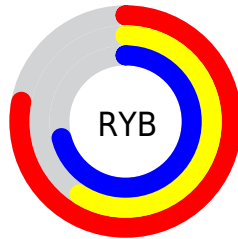
The XYZ color **42.5355, 37.1547, 48.6458** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.7483, 49.6631, 44.0524**, and the grayscale version is **37.1274, 39.0609, 42.5373**.

A 20% lighter version of the original color is **78.1189, 70.5602, 89.6229**, and **19.8597, 16.4115, 22.5431** is the 20% darker color. If you saturate the color by 10%, you get **38.9376, 31.0812, 43.9853**, and if you desaturate by 10%, it is **46.7057, 44.3137, 53.6766**.

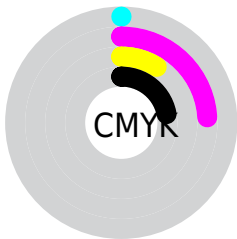
Distribution



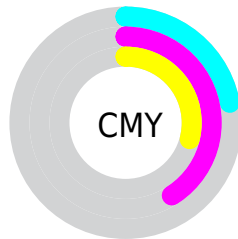
- Red (78%)
- Green (59%)
- Blue (71%)



- Red (78%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5355, 37.1547, 48.6458 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 42.5355, 37.1547, 48.6458 by changing the saturation by 10% instead.

■ 42.5355, 37.1547,
48.6458

■ 42.5355, 37.1547,
48.6458

347.6520,
333.9798, 397.9286

■ 29.7138, 25.3273,
33.9750

■ 78.2695, 70.8107,
89.5407

■ 19.7684, 16.3211,
22.5972

■ 101.9125, 93.4080,
116.6018

■ 12.3341, 9.7516,
14.0938

129.8934,
120.3641, 148.6302

■ 7.0455, 5.2346,
8.0465

162.5773,
152.0633, 186.0442

■ 3.5371, 2.3856,
4.0365

200.3298,
188.8901, 229.2626

■ 1.4438, 0.8184,
1.6454

243.5162,

■ 0.2871, 0.0000,

231.2289, 278.7037

0.3229

292.5018,
279.4640, 334.7862

■ 0.0000, 0.0000,
0.0000

■ 42.5355, 37.1547,
48.6458

■ 42.5355, 37.1547,
48.6458

■ 38.9376, 31.0812,
43.9853

■ 46.7057, 44.3137,
53.6766

■ 35.8813, 26.0344,
39.6811

■ 51.4703, 52.6033,
59.0864

■ 33.3381, 21.9574,
35.7214

■ 56.8543, 62.0720,
64.8865

■ 31.2753, 18.7857,
32.0926

■ 62.8802, 72.7642,
71.0867

■ 29.6562, 16.4472,
28.7796

■ 69.5694, 84.7217,
77.6967

■ 28.4388, 14.8584,
25.7657

■ 72.3788, 88.8578,
83.2044

■ 27.5719, 13.9181,
23.0308

■ 73.3447, 89.2442,
88.2908

■ 27.1766, 13.5610,
21.5627

■ 74.3503, 89.6464,
93.5860

■ 75.3959, 90.0647,
99.0923

Harmonies

Analogous

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



40.0376, 37.1547, 59.1301



42.5355, 37.1547, 48.6458



43.0298, 37.1547, 37.4869

Triad

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



42.5355, 37.1547, 48.6458



34.2622, 37.1547, 23.1141



29.9019, 37.1547, 54.8545

Complementary

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



42.5355, 37.1547, 48.6458



39.7483, 49.6631, 44.0524

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.



28.5813, 37.1547, 43.5761



42.5355, 37.1547, 48.6458



30.9781, 37.1547, 26.1953

Square

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



42.5355, 37.1547, 48.6458



38.0692, 37.1547, 23.9824



28.9607, 37.1547, 33.2397



32.6959, 37.1547, 63.1378

Rectangle

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



42.5355, 37.1547, 48.6458



42.1252, 37.1547, 31.3190



28.9607, 37.1547, 33.2397



29.2804, 37.1547, 51.2148

Sweetspot

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



42.5366, 37.1564, 48.6466



88.6163, 88.7347, 101.8161



36.9951, 34.0856, 58.0558



18.8543, 18.7955, 21.6656



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.



42.5366, 37.1564, 48.6466



71.8900, 59.9745, 81.7752



40.2993, 36.2614, 36.8650



10.9174, 10.7504, 12.5485



17.7155, 8.8357, 14.2434



0.8723, 0.4318, 0.8509

Inverse Universe

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



42.5366, 37.1564, 48.6466



71.8900, 59.9745, 81.7752



42.1549, 50.6258, 56.7256



10.9174, 10.7504, 12.5485



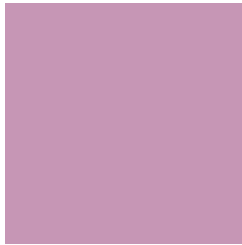
17.7155, 8.8357, 14.2434



0.8723, 0.4318, 0.8509

Previews

White Background



This preview shows how the XYZ color 42.5355, 37.1547, 48.6458 looks on a white background.

Color Contrast Check

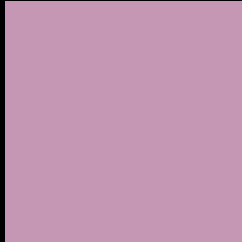
Large Text (above 18pt) WCAG AA × Fail

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 42.5355, 37.1547, 48.6458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

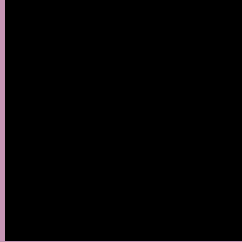
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5355, 37.1547, 48.6458

Background



This preview shows how black text looks on a background with the XYZ color 42.5355, 37.1547, 48.6458.



This preview shows how white text looks on a background with the XYZ color 42.5355, 37.1547,

48.6458.

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

42.5355, 37.1547, 48.6458

Protanopia

36.7797, 37.3421, 53.4134

Deuteranopia

38.1630, 37.3950, 47.8544



Tritanopia

40.9477, 37.2348, 40.6262

Trichromacy



Original Color

42.5355, 37.1547, 48.6458

Protanomaly

38.5453, 36.9976, 51.5641

Deuteranomaly

39.6551, 37.1395, 48.2586

Tritanomaly

41.6049, 37.2671, 43.5285

Monochromacy



Original Color

42.5355, 37.1547, 48.6458

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.8781, 38.0906, 44.8383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5355, 37.1547, 48.6458 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(198, 150, 181)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 181)  
}
```

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(198, 150, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.5355, 37.1547, 48.6458 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(198, 150, 181) }
```


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

```
.border{ border-color:rgb(198, 150, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 181);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5355, 37.1547, 48.6458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 181) }
```

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

```
.background{ background-color: rgb(198,  
150, 181) }
```

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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