

Converting Colors

XYZ(46.0577, 37.7277, 52.3772)

Have a look what the booklet for
XYZ(46.0577, 37.7277, 52.3772)
contains.

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Color

**XYZ(46.0665, 37.7305,
52.4317)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D391BC |
| RGB | 211, 145, 188 |
| RGB Percent | 83%, 57%, 74% |
| CMY | 0.1725, 0.4314, 0.2627 |
| CMYK | 0.00, 0.31, 0.11, 0.17 |
| HSL | 321°, 43%, 70% |
| HSV | 321°, 31%, 83% |
| XYZ | 46.0665, 37.7305, 52.4317 |
| YIQ | 169.6360, 25.5330, 27.3650 |

Conversions

Conversions Part 2

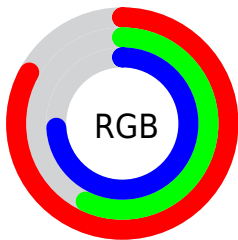
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 211, 145, 188 |
| Decimal | 13865404 |
| CIE Lab | 67.82, 31.45, -12.24 |
| CIE LCh | 68, 33.751, 338.733 |
| Yxy | 37.7305, 0.3382, 0.2770 |
| Android (android.graphics.Color) | 4292055484 (0xFFD391BC) |
| YUV | 169.6360, 9.0535, 36.2762 |
| Hunter-Lab | 61.4252, 26.3741, -7.6115 |

Details

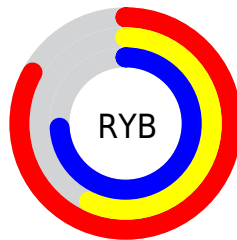
The XYZ color **46.0665, 37.7305, 52.4317** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.0408, 55.4366, 45.5328**, and the grayscale version is **37.9758, 39.9535, 43.5094**.

A 20% lighter version of the original color is **78.2234, 69.1002, 94.8028**, and **21.8051, 16.5465, 24.9662** is the 20% darker color. If you saturate the color by 10%, you get **42.3643, 31.5622, 47.3859**, and if you desaturate by 10%, it is **50.4101, 45.1159, 57.8915**.

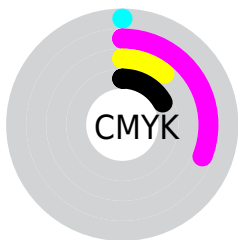
Distribution



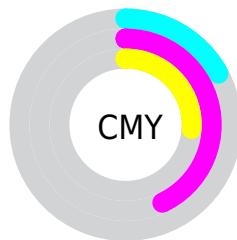
- Red (83%)
- Green (57%)
- Blue (74%)



- Red (83%)
- Yellow (57%)
- Blue (74%)



- Cyan (0%)
- Magenta (31%)
- Yellow (11%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0665, 37.7305, 52.4317 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 46.0665, 37.7305, 52.4317 by changing the saturation by 10% instead.


 46.0665, 37.7305,
52.4317


 46.0665, 37.7305,
52.4317

361.7874,
336.4625, 413.1052

 32.5031, 25.7736,
36.9647


 83.5458, 71.6949,
95.2006

 21.9035, 16.6543,
24.8846


 108.1924, 94.4711,
123.3397

 13.9022, 9.9884,
15.7728


137.2641,
121.6226, 156.5397

 8.1339, 5.3912,
9.2109

171.1264,
153.5338, 195.2194

 4.2333, 2.4786,
4.7803

210.1445,
190.5889, 239.7973

 1.8349, 0.8659,
2.0625

254.6838,

 0.5386, 0.0000,

233.1725, 290.6919

0.5933

305.1096,
281.6689, 348.3217

■ 0.0000, 0.0000,
0.0000

■ 46.0665, 37.7305,
52.4317

■ 46.0665, 37.7305,
52.4317

■ 42.3643, 31.5622,
47.3859

■ 50.4101, 45.1159,
57.8915

■ 39.2664, 26.5392,
42.7374

■ 55.4229, 53.7747,
63.7761

■ 36.7368, 22.5901,
38.4718

■ 61.1352, 63.7660,
70.0989

■ 34.7342, 19.6333,
34.5721

■ 67.5743, 75.1436,
76.8717

■ 33.2113, 17.5754,
31.0195

■ 74.7662, 87.9584,
84.1059

■ 32.1120, 16.3048,
27.7920

■ 77.2071, 91.2022,
89.9695

■ 31.4131, 15.6686,
25.2111

■ 78.2747, 91.6292,
95.5910

■ 79.3864, 92.0739,
101.4456

■ 80.5430, 92.5365,
107.5358

Harmonies

Analogous

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



42.5247, 37.7305, 67.8740



46.0665, 37.7305, 52.4317



46.7409, 37.7305, 36.8653

Triad

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



46.0665, 37.7305, 52.4317



34.3574, 37.7305, 18.6944



28.5792, 37.7305, 61.8511

Complementary

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



46.0665, 37.7305, 52.4317



42.0408, 55.4366, 45.5328

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.



26.8170, 37.7305, 45.6088



46.0665, 37.7305, 52.4317



29.9338, 37.7305, 22.4712

Square

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



46.0665, 37.7305, 52.4317



39.6321, 37.7305, 19.6733



27.2876, 37.7305, 31.5013



32.3384, 37.7305, 74.1662

Rectangle

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



46.0665, 37.7305, 52.4317



45.4161, 37.7305, 28.7407



27.2876, 37.7305, 31.5013



27.7511, 37.7305, 56.5304

Sweetspot

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



46.0676, 37.7322, 52.4325



86.8995, 85.7169, 99.9620



37.8213, 33.1714, 66.0381



18.3362, 17.8874, 21.0980



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.



46.0676, 37.7322, 52.4325



66.5657, 50.9806, 74.8989



42.9915, 36.5018, 36.2340



12.1285, 11.9361, 13.9525



19.0076, 9.4759, 15.4783



1.0995, 0.5445, 1.0588

Inverse Universe

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



46.0676, 37.7322, 52.4325



66.5657, 50.9806, 74.8989



45.3980, 56.7795, 63.2114



12.1285, 11.9361, 13.9525



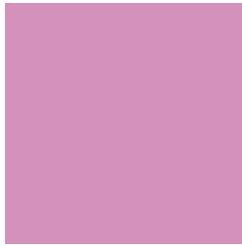
19.0076, 9.4759, 15.4783



1.0995, 0.5445, 1.0588

Previews

White Background



This preview shows how the XYZ color 46.0665, 37.7305, 52.4317 looks on a white background.

Color Contrast Check

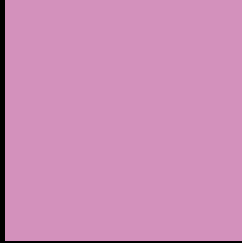
Large Text (above 18pt) WCAG AA × Fail

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 46.0665, 37.7305, 52.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

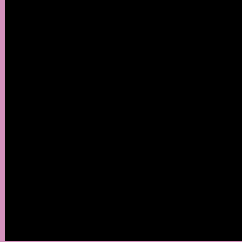
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0665, 37.7305, 52.4317

Background



This preview shows how black text looks on a background with the XYZ color 46.0665, 37.7305, 52.4317.



This preview shows how white text looks on a background with the XYZ color 46.0665, 37.7305,

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

46.0665, 37.7305, 52.4317

Protanopia

37.9186, 38.0371, 60.6017

Deuteranopia

38.7354, 37.8768, 51.1683



Tritanopia

43.3518, 37.7958, 38.7286

Trichromacy



Original Color

46.0665, 37.7305, 52.4317

Protanomaly

40.1522, 37.4466, 57.3362

Deuteranomaly

41.0778, 37.5527, 51.5377

Tritanomaly

44.2351, 37.6754, 43.4687

Monochromacy



Original Color

46.0665, 37.7305, 52.4317

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.6883, 38.9784, 46.9740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0665, 37.7305, 52.4317 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(211, 145, 188)` looks like.

```
.text, #text, p{  
    color:rgb(211, 145, 188)  
}
```

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(211, 145, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 145, 188) }
```

Border

The CSS property to change the border of an element to XYZ 46.0665, 37.7305, 52.4317 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(211, 145, 188) }
```


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

```
.border{ border-color:rgb(211, 145, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 145, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 145, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 145, 188); box-shadow:4px 4px 4px 4px rgb(211, 145, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0665, 37.7305, 52.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 145, 188) }
```

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

```
.background{ background-color: rgb(211,  
145, 188) }
```

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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