

Converting Colors

XYZ(52.0024, 44.9734, 66.3337)

Have a look what the booklet for
XYZ(52.0024, 44.9734, 66.3337)
contains.

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Color

**XYZ(52.0464, 44.9440,
66.2535)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A3D1
RGB	213, 163, 209
RGB Percent	84%, 64%, 82%
CMY	0.1647, 0.3608, 0.1804
CMYK	0.00, 0.23, 0.02, 0.16
HSL	305°, 37%, 74%
HSV	305°, 23%, 84%
XYZ	52.0464, 44.9440, 66.2535
YIQ	183.1940, 15.0340, 24.9060

Conversions

Conversions Part 2

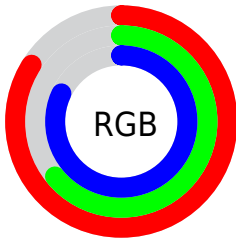
Format	Color
R _Y B	213, 163, 209
Decimal	14001105
CIE Lab	72.86, 26.06, -16.28
CIE LCh	73, 30.731, 328.012
Yxy	44.9440, 0.3188, 0.2753
Android (android.graphics.Color)	4292191185 (0xFFD5A3D1)
YUV	183.1940, 12.7224, 26.1399
Hunter-Lab	67.0403, 21.2571, -11.6660

Details

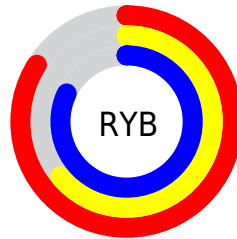
The XYZ color **52.0464, 44.9440, 66.2535** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.8754, 58.1664, 45.3711**, and the grayscale version is **45.0439, 47.3897, 51.6074**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **25.7014, 21.0045, 33.7100** is the 20% darker color. If you saturate the color by 10%, you get **48.3689, 37.9241, 63.9926**, and if you desaturate by 10%, it is **56.3658, 53.2426, 68.7405**.

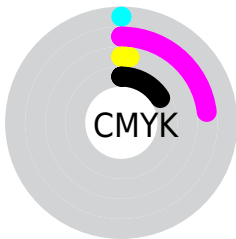
Distribution



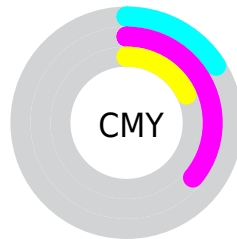
- Red (84%)
- Green (64%)
- Blue (82%)



- Red (84%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (23%)
- Yellow (2%)
- Black (16%)





- Cyan (16%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0464, 44.9440, 66.2535 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 52.0464, 44.9440, 66.2535 by changing the saturation by 10% instead.


 52.0464, 44.9440,
66.2535


 52.0464, 44.9440,
66.2535


384.9367,
366.5467, 465.7119

 37.2665, 31.4133,
48.0204

 92.3735, 82.6364,
115.4806

 25.5885, 20.9138,
33.4830


 118.6514,
107.5669, 147.3116

 16.6471, 13.0610,
22.2225


149.4926,
137.0661, 184.5125

 10.0770, 7.4706,
13.8206

185.2626,
171.5184, 227.5016

 5.5127, 3.7581,
7.8587

226.3266,
211.3082, 276.6976

 2.5889, 1.5392,
3.9182

273.0501,

 0.9403, 0.3161,

256.8199, 332.5189

1.5806

325.7983,
308.4380, 395.3842

■ 0.0000, 0.0000,
0.2769

■ 0.0000, 0.0000,
0.0000

■ 52.0464, 44.9440,
66.2535

■ 52.0464, 44.9440,
66.2535

■ 48.3689, 37.9241,
63.9926

■ 56.3658, 53.2426,
68.7405

■ 45.2973, 32.1133,
61.9443

■ 61.3527, 62.8733,
71.4607

■ 42.7984, 27.4441,
60.0979

■ 67.0363, 73.8936,
74.4243

■ 40.8339, 23.8403,
58.4408

■ 73.4427, 86.3560,
77.6400

39.3612, 21.2164,
56.9585

75.7934, 90.7033,
79.5152

38.3307, 19.4735,
55.6347

76.0170, 90.7927,
80.6926

37.6829, 18.4923,
54.4493

76.2429, 90.8831,
81.8821

37.4000, 18.1300,
53.7280

76.4711, 90.9744,
83.0838

76.7016, 91.0666,
84.2976

Harmonies

Analogous

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



47.7316, 44.9440, 79.8119



52.0464, 44.9440, 66.2535



53.8407, 44.9440, 49.9652

Triad

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



52.0464, 44.9440, 66.2535



43.0757, 44.9440, 25.0108



34.2676, 44.9440, 64.1113

Complementary

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



52.0464, 44.9440, 66.2535



45.8754, 58.1664, 45.3711

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.



33.2433, 44.9440, 47.9218



52.0464, 44.9440, 66.2535



38.0683, 44.9440, 27.2696

Square

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



52.0464, 44.9440, 66.2535



48.4000, 44.9440, 27.9673



34.5765, 44.9440, 34.9348



37.4989, 44.9440, 78.4047

Rectangle

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



52.0464, 44.9440, 66.2535



53.2620, 44.9440, 40.3834



34.5765, 44.9440, 34.9348



33.6662, 44.9440, 58.6190

Sweetspot

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



52.0478, 44.9460, 66.2545



89.3885, 89.0436, 105.8826



40.9053, 39.1439, 68.3512



19.0335, 18.8672, 22.6094



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.



52.0478, 44.9460, 66.2545



75.4412, 62.2325, 97.8934



49.2612, 43.8313, 51.5805



12.9082, 12.6148, 15.4566



22.8631, 11.0816, 32.9128



1.3920, 0.6736, 2.0536

Inverse Universe

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



52.0478, 44.9460, 66.2545



75.4412, 62.2325, 97.8934



48.3409, 59.1526, 58.3542



12.9082, 12.6148, 15.4566



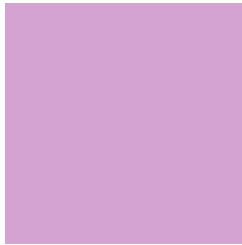
22.8631, 11.0816, 32.9128



1.3920, 0.6736, 2.0536

Previews

White Background



This preview shows how the XYZ color 52.0464, 44.9440, 66.2535 looks on a white background.

Color Contrast Check

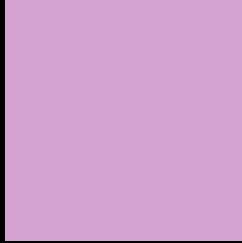
Large Text (above 18pt) WCAG AA × Fail

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 52.0464, 44.9440, 66.2535 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 52.0464, 44.9440, 66.2535

Background



This preview shows how black text looks on a background with the XYZ color 52.0464, 44.9440, 66.2535.



This preview shows how white text looks on a background with the XYZ color 52.0464, 44.9440,

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

52.0464, 44.9440, 66.2535

Protanopia

45.0859, 45.1048, 73.3476

Deuteranopia

46.1209, 45.2322, 65.3313



Tritanopia

48.6376, 44.8968, 49.8185

Trichromacy



Original Color

52.0464, 44.9440, 66.2535

Protanomaly

47.2680, 44.8504, 70.4557

Deuteranomaly

48.1962, 45.1492, 65.8490

Tritanomaly

49.6185, 44.7357, 55.3099

Monochromacy



Original Color

52.0464, 44.9440, 66.2535

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.2879, 46.3258, 56.3186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0464, 44.9440, 66.2535 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(213, 163, 209)` looks like.

```
.text, #text, p{  
    color:rgb(213, 163, 209)  
}
```

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(213, 163, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 163, 209) }
```

Border

The CSS property to change the border of an element to XYZ 52.0464, 44.9440, 66.2535 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(213, 163, 209) }
```


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

```
.border{ border-color:rgb(213, 163, 209) }
```

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

Here you see how a box with a 4 pixel rgb(213, 163, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 163, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 163, 209);  
box-shadow:4px 4px 4px 4px rgb(213, 163,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0464, 44.9440, 66.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 163, 209) }
```

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

```
.background{ background-color: rgb(213,  
163, 209) }
```

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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