

Converting Colors

XYZ(44.3704, 35.6513, 50.4972)

Have a look what the booklet for
XYZ(44.3704, 35.6513, 50.4972)
contains.

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Color

**XYZ(44.2841, 35.5233,
50.4216)**

Conversions

Conversions Part 1

Format	Color
Hex	D18BB9
RGB	209, 139, 185
RGB Percent	82%, 55%, 73%
CMY	0.1804, 0.4549, 0.2745
CMYK	0.00, 0.33, 0.11, 0.18
HSL	321°, 43%, 68%
HSV	321°, 33%, 82%
XYZ	44.2841, 35.5233, 50.4216
YIQ	165.1740, 26.9540, 29.1460

Conversions

Conversions Part 2

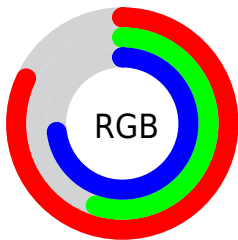
Format	Color
R_{YB}	209, 139, 185
Decimal	13732793
CIE _{Lab}	66.15, 33.51, -13.09
CIE _{LCh}	66, 35.973, 338.665
Yxy	35.5233, 0.3400, 0.2728
Android (android.graphics.Color)	4291922873 (0xFFD18BB9)
YUV	165.1740, 9.7742, 38.4354
Hunter-Lab	59.6014, 28.3237, -8.4371

Details

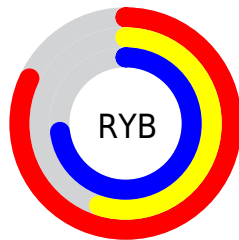
The XYZ color **44.2841, 35.5233, 50.4216** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.0603, 53.7354, 42.9133**, and the grayscale version is **35.7941, 37.6581, 41.0097**.

A 20% lighter version of the original color is **76.1871, 65.7508, 91.8948**, and **20.7915, 15.4177, 23.7099** is the 20% darker color. If you saturate the color by 10%, you get **40.8049, 29.7447, 45.6232**, and if you desaturate by 10%, it is **48.3821, 42.4773, 55.6152**.

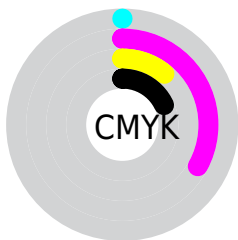
Distribution



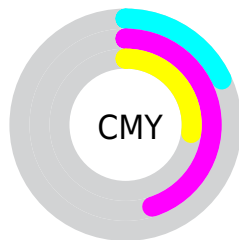
- Red (82%)
- Green (55%)
- Blue (73%)



- Red (82%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (18%)




- Cyan (18%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2841, 35.5233, 50.4216 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 44.2841, 35.5233, 50.4216 by changing the saturation by 10% instead.


 44.2841, 35.5233,
50.4216

 44.2841, 35.5233,
50.4216


354.6990,
326.8722, 405.0946


 31.0928, 24.0663,
35.3750


 80.8888, 68.2957,
92.2020

 20.8217, 15.3828,
23.6660


 105.0328, 90.3798,
119.7728

 13.1054, 9.0885,
14.8761


 133.5586,
116.7750, 152.3554

 7.5787, 4.7989,
8.5869

166.8313,
147.8658, 190.3684

 3.8761, 2.1298,
4.3796

205.2163,
184.0365, 234.2302

 1.6323, 0.6813,
1.8358

249.0790,

 0.4133, 0.0000,

225.6715, 284.3595

0.4514

298.7848,
273.1553, 341.1748

■ 0.0000, 0.0000,
0.0000

■ 44.2841, 35.5233,
50.4216

■ 44.2841, 35.5233,
50.4216

■ 40.8049, 29.7447,
45.6232

■ 48.3821, 42.4773,
55.6152

■ 37.9075, 25.0704,
41.2037

■ 53.1266, 50.6630,
61.2148

■ 35.5562, 21.4288,
37.1489

■ 58.5476, 60.1388,
67.2333

■ 33.7095, 18.7381,
33.4420

■ 64.6721, 70.9581,
73.6824

■ 32.3197, 16.9039,
30.0643

■ 71.5256, 83.1711,
80.5730

■ 31.3293, 15.8121,
26.9934

■ 76.0581, 90.6768,
86.8911

■ 30.8345, 15.3714,
25.1365

■ 77.0739, 91.0831,
92.2403

■ 78.1315, 91.5061,
97.8093

■ 79.2313, 91.9461,
103.6006

Harmonies

Analogous

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



40.6092, 35.5233, 66.5535



44.2841, 35.5233, 50.4216



44.9921, 35.5233, 34.4068

Triad

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



44.2841, 35.5233, 50.4216



32.2372, 35.5233, 16.2480



26.3498, 35.5233, 60.1662

Complementary

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



44.2841, 35.5233, 50.4216



40.0603, 53.7354, 42.9133

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.



24.5788, 35.5233, 43.2906



44.2841, 35.5233, 50.4216



27.7345, 35.5233, 19.9300

Square

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



44.2841, 35.5233, 50.4216



37.6476, 35.5233, 17.2105



25.0575, 35.5233, 28.9174



30.1568, 35.5233, 73.1344

Rectangle

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



44.2841, 35.5233, 50.4216



43.6213, 35.5233, 26.1949



25.0575, 35.5233, 28.9174



25.5160, 35.5233, 54.6070

Sweetspot

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



44.2852, 35.5249, 50.4223



86.0718, 84.2453, 99.1199



35.7109, 30.7869, 64.3826



18.1719, 17.5945, 20.9333



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.



44.2852, 35.5249, 50.4223



65.5530, 49.2112, 73.7722



41.0873, 34.2458, 33.5828



12.1314, 11.9373, 13.9677



19.0593, 9.4966, 15.7503



1.1021, 0.5456, 1.0727

Inverse Universe

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



44.2852, 35.5249, 50.4223



65.5530, 49.2112, 73.7722



43.5655, 55.1374, 61.3713



12.1314, 11.9373, 13.9677



19.0593, 9.4966, 15.7503



1.1021, 0.5456, 1.0727

Previews

White Background



This preview shows how the XYZ color 44.2841, 35.5233, 50.4216 looks on a white background.

Color Contrast Check

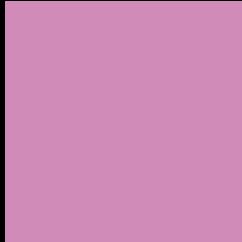
Large Text (above 18pt) WCAG AA × Fail

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 44.2841, 35.5233, 50.4216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

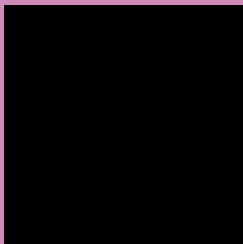
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2841, 35.5233, 50.4216

Background



This preview shows how black text looks on a background with the XYZ color 44.2841, 35.5233, 50.4216.



This preview shows how white text looks on a background with the XYZ color 44.2841, 35.5233,

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

44.2841, 35.5233, 50.4216

Protanopia

35.8285, 35.9405, 59.0817

Deuteranopia

36.4368, 35.7068, 49.2276



Tritanopia

41.0665, 35.2922, 35.6580

Trichromacy



Original Color

44.2841, 35.5233, 50.4216

Protanomaly

38.1994, 35.2358, 55.8268

Deuteranomaly

38.7450, 35.1767, 49.5474

Tritanomaly

42.0095, 35.2210, 40.6606

Monochromacy



Original Color

44.2841, 35.5233, 50.4216

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.3909, 36.5792, 44.0668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2841, 35.5233, 50.4216 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, 139, 185)` looks like.

```
.text, #text, p{  
    color:rgb(209, 139, 185)  
}
```

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, 139, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 139, 185) }
```

Border

The CSS property to change the border of an element to XYZ 44.2841, 35.5233, 50.4216 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, 139, 185) }
```


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

```
.border{ border-color:rgb(209, 139, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 139, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 139, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 139, 185);  
box-shadow:4px 4px 4px 4px rgb(209, 139,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2841, 35.5233, 50.4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 139, 185) }
```

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

```
.background{ background-color: rgb(209,  
139, 185) }
```

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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