

Converting Colors

XYZ(35.7769, 22.0374, 50.7501)

Have a look what the booklet for
XYZ(35.7769, 22.0374, 50.7501)
contains.

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Color

**XYZ(35.6443, 22.0205,
50.5158)**

Conversions

Conversions Part 1

Format	Color
Hex	C654BD
RGB	198, 84, 189
RGB Percent	78%, 33%, 74%
CMY	0.2235, 0.6706, 0.2588
CMYK	0.00, 0.58, 0.05, 0.22
HSL	305°, 50%, 55%
HSV	305°, 58%, 78%
XYZ	35.6443, 22.0205, 50.5158
YIQ	130.0560, 34.2390, 56.8230

Conversions

Conversions Part 2

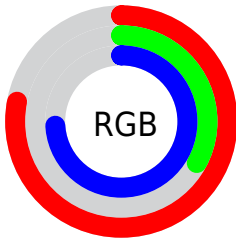
Format	Color
RYB	198, 84, 189
Decimal	12997821
CIELab	54.05, 58.63, -34.06
CIElCh	54, 67.806, 329.851
Yxy	22.0205, 0.3295, 0.2036
Android (android.graphics.Color)	4291187901 (0xFFC654BD)
YUV	130.0560, 29.0594, 59.5869
Hunter-Lab	46.9260, 53.4655, -30.9774

Details

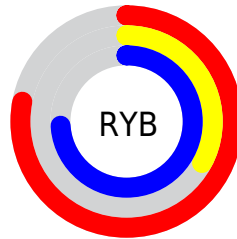
The XYZ color **35.6443, 22.0205, 50.5158** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **25.8270, 43.0641, 17.3083**, and the grayscale version is **21.1308, 22.2312, 24.2098**.

A 20% lighter version of the original color is **67.1072, 46.3791, 92.6039**, and **15.6641, 8.0248, 23.6450** is the 20% darker color. If you saturate the color by 10%, you get **34.1505, 19.3025, 49.1853**, and if you desaturate by 10%, it is **37.5757, 25.6098, 52.0016**.

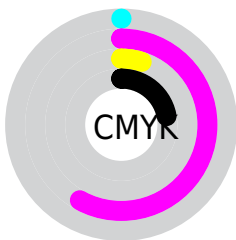
Distribution



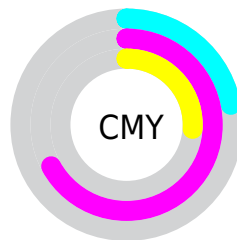
- Red (78%)
- Green (33%)
- Blue (74%)



- Red (78%)
- Yellow (33%)
- Blue (74%)



- Cyan (0%)
- Magenta (58%)
- Yellow (5%)
- Black (22%)





- Cyan (22%)
- Magenta (67%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6443, 22.0205, 50.5158 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 35.6443, 22.0205, 50.5158 by changing the saturation by 10% instead.


 35.6443, 22.0205,
50.5158


 35.6443, 22.0205,
50.5158


318.8616,
262.6533, 405.4723


 24.3284, 13.8720,
35.4494


 67.8102, 46.7799,
92.3428


 15.7035, 8.0317,
23.7229


 89.3909, 64.1595,
119.9404

 9.4041, 4.1152,
14.9179


 115.1239, 85.3850,
152.5522

 5.0649, 1.7382,
8.6158

 145.3747,
110.8406, 190.5967

 2.3205, 0.4482,
4.3981

180.5084,
140.9109, 234.4924

 0.8051, 0.0000,
1.8462

220.8906,

 0.0000, 0.0000,

175.9802, 284.6579

0.4582

266.8866,
216.4328, 341.5117

■ 0.0000, 0.0000,
0.0000

■ 35.6443, 22.0205,
50.5158

■ 35.6443, 22.0205,
50.5158

■ 34.1505, 19.3025,
49.1853

■ 37.5757, 25.6098,
52.0016

■ 33.0543, 17.3774,
47.9961

■ 39.9758, 30.1339,
53.6525

■ 32.3125, 16.1581,
46.9340

■ 42.8753, 35.6540,
55.4790

■ 31.8621, 15.5186,
45.9779

■ 46.3018, 42.2250,
57.4902

■ 31.7705, 15.3985,
45.7532

■ 50.2808, 49.8981,
59.6947

■ 54.8361, 58.7209,
62.1005

■ 59.9903, 68.7385,
64.7151

■ 65.7645, 79.9931,
67.5457

■ 69.8369, 87.8411,
69.8181

Harmonies

Analogous

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



28.7623, 22.0205, 78.8258



35.6443, 22.0205, 50.5158



38.4343, 22.0205, 24.0815

Triad

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



35.6443, 22.0205, 50.5158



20.9664, 22.0205, 2.0226



10.9274, 22.0205, 50.2182

Complementary

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



35.6443, 22.0205, 50.5158



25.8270, 43.0641, 17.3083

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.



9.7587, 22.0205, 23.8720



35.6443, 22.0205, 50.5158



14.6664, 22.0205, 3.2381

Square

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



35.6443, 22.0205, 50.5158



28.8407, 22.0205, 3.2657



10.9511, 22.0205, 8.8757



14.6165, 22.0205, 78.5944

Rectangle

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



35.6443, 22.0205, 50.5158



37.1915, 22.0205, 12.7114



10.9511, 22.0205, 8.8757



10.2712, 22.0205, 40.4708

Sweetspot

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



35.6451, 22.0215, 50.5162



82.1998, 75.1737, 101.9222



17.7382, 12.6737, 54.9381



17.3113, 15.5464, 21.6538



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.



35.6451, 22.0215, 50.5162



59.9329, 33.2165, 86.5561



30.7213, 20.0520, 24.5879



11.0456, 10.8016, 13.2233



20.6756, 10.0198, 29.8314



0.9900, 0.4788, 1.4704

Inverse Universe

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



35.6451, 22.0215, 50.5162



59.9329, 33.2165, 86.5561



29.2441, 44.4310, 35.3025



11.0456, 10.8016, 13.2233



20.6756, 10.0198, 29.8314



0.9900, 0.4788, 1.4704

Previews

White Background



This preview shows how the XYZ color 35.6443, 22.0205, 50.5158 looks on a white background.

Color Contrast Check

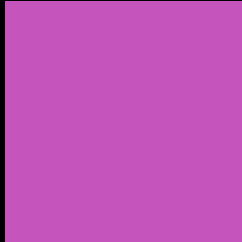
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6443, 22.0205, 50.5158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

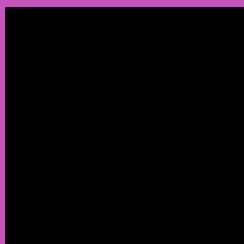
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.6443, 22.0205, 50.5158

Background



This preview shows how black text looks on a background with the XYZ color 35.6443, 22.0205, 50.5158.



This preview shows how white text looks on a background with the XYZ color 35.6443, 22.0205,

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

35.6443, 22.0205, 50.5158

Protanopia

24.9346, 22.3440, 74.9501

Deuteranopia

22.8448, 22.2605, 47.3486



Tritanopia

28.8612, 21.8893, 18.0331

Trichromacy



Original Color

35.6443, 22.0205, 50.5158



Protanomaly

26.2989, 20.6086, 65.5425



Deuteranomaly

25.8788, 20.9308, 48.5750



Tritanomaly

30.7465, 21.6493, 27.3692

Monochromacy



Original Color

35.6443, 22.0205, 50.5158



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

25.0086, 21.0132, 32.0160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6443, 22.0205, 50.5158 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, 84, 189)` looks like.

```
.text, #text, p{  
    color:rgb(198, 84, 189)  
}
```

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, 84, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 84, 189) }
```

Border

The CSS property to change the border of an element to XYZ 35.6443, 22.0205, 50.5158 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, 84, 189) }
```


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

```
.border{ border-color:rgb(198, 84, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 84, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 84, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 84, 189);  
box-shadow:4px 4px 4px 4px rgb(198, 84,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6443, 22.0205, 50.5158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 84, 189) }
```

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

```
.background{ background-color: rgb(198, 84,  
189) }
```

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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