

Converting Colors

XYZ(42.2810, 35.7018, 48.2662)

Have a look what the booklet for
XYZ(42.2810, 35.7018, 48.2662)
contains.

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Color

**XYZ(42.1332, 35.5621,
48.3596)**

Conversions

Conversions Part 1

Format	Color
Hex	C890B5
RGB	200, 144, 181
RGB Percent	78%, 56%, 71%
CMY	0.2157, 0.4353, 0.2902
CMYK	0.00, 0.28, 0.09, 0.22
HSL	320°, 34%, 67%
HSV	320°, 28%, 78%
XYZ	42.1332, 35.5621, 48.3596
YIQ	164.9620, 21.4990, 23.3790

Conversions

Conversions Part 2

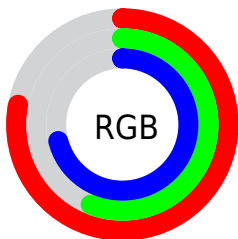
Format	Color
R _Y B	200, 144, 181
Decimal	13144245
CIE Lab	66.18, 27.00, -10.90
CIE LCh	66, 29.115, 338.020
Yxy	35.5621, 0.3342, 0.2821
Android (android.graphics.Color)	4291334325 (0xFFC890B5)
YUV	164.9620, 7.9067, 30.7283
Hunter-Lab	59.6340, 21.7562, -6.3369

Details

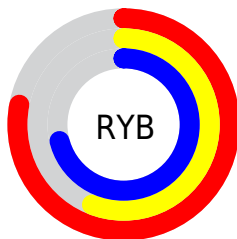
The XYZ color **42.1332, 35.5621, 48.3596** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.7682, 49.8833, 42.2377**, and the grayscale version is **35.7030, 37.5623, 40.9053**.

A 20% lighter version of the original color is **76.7201, 67.7626, 89.1567**, and **19.4877, 15.4070, 22.3688** is the 20% darker color. If you saturate the color by 10%, you get **38.6889, 29.7604, 43.8594**, and if you desaturate by 10%, it is **46.1502, 42.4538, 53.2188**.

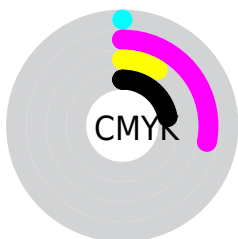
Distribution



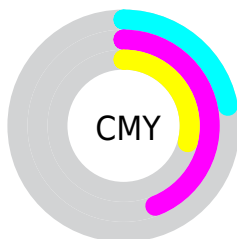
- Red (78%)
- Green (56%)
- Blue (71%)



- Red (78%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (44%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1332, 35.5621, 48.3596 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 42.1332, 35.5621, 48.3596 by changing the saturation by 10% instead.

 42.1332, 35.5621,
48.3596


 42.1332, 35.5621,
48.3596


346.0170,
327.0425, 396.7655

 29.3972, 24.0962,
33.7497


 77.6651, 68.3556,
89.1107

 19.5273, 15.4050,
22.4256


 101.1916, 90.4521,
116.0890

 12.1581, 9.1041,
13.9687


129.0457,
116.8608, 148.0272

 6.9244, 4.8092,
7.9604

161.5928,
147.9662, 185.3438

 3.4608, 2.1357,
3.9822

199.1981,
184.1526, 228.4574

 1.4019, 0.6846,
1.6156

242.2270,

 0.2576, 0.0000,

225.8046, 277.7865

0.3019

291.0448,
273.3064, 333.7497

■ 0.0000, 0.0000,
0.0000

■ 42.1332, 35.5621,
48.3596

■ 42.1332, 35.5621,
48.3596

■ 38.6889, 29.7604,
43.8594

■ 46.1502, 42.4538,
53.2188

■ 35.7852, 24.9869,
39.7041

■ 50.7634, 50.4834,
58.4460

■ 33.3919, 21.1814,
35.8815

■ 55.9987, 59.7016,
64.0525

■ 31.4741, 18.2751,
32.3776

■ 61.8799, 70.1548,
70.0485

■ 29.9925, 16.1900,
29.1767

■ 68.4290, 81.8868,
76.4434

■ 28.9010, 14.8348,
26.2609

■ 72.7268, 89.0583,
82.2663

■ 28.1312, 14.0737,
23.6047

■ 73.6534, 89.4290,
87.1461

■ 27.9940, 13.9492,
23.0967

■ 74.6171, 89.8145,
92.2208

■ 75.6183, 90.2149,
97.4927

Harmonies

Analogous

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



39.1983, 35.5621, 60.7330



42.1332, 35.5621, 48.3596



42.7434, 35.5621, 35.4856

Triad

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



42.1332, 35.5621, 48.3596



32.6513, 35.5621, 19.5686



27.6509, 35.5621, 55.3617

Complementary

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



42.1332, 35.5621, 48.3596



38.7682, 49.8833, 42.2377

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.



26.2014, 35.5621, 42.1474



42.1332, 35.5621, 48.3596



28.9228, 35.5621, 22.7969

Square

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



42.1332, 35.5621, 48.3596



37.0171, 35.5621, 20.5368



26.6463, 35.5621, 30.4567



30.7763, 35.5621, 65.3402

Rectangle

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



42.1332, 35.5621, 48.3596



41.7049, 35.5621, 28.5557



26.6463, 35.5621, 30.4567



26.9642, 35.5621, 51.0512

Sweetspot

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



42.1343, 35.5637, 48.3603



87.7893, 87.2300, 101.0806



35.4362, 31.8699, 58.9280



18.5154, 18.1895, 21.3310



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.



42.1343, 35.5637, 48.3603



68.9682, 54.8442, 78.6020



39.5714, 34.5385, 34.8643



10.9242, 10.7531, 12.5844



17.8427, 8.8866, 14.9134



0.8777, 0.4339, 0.8793

Inverse Universe

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



42.1343, 35.5637, 48.3603



68.9682, 54.8442, 78.6020



41.5244, 50.9857, 56.7517



10.9242, 10.7531, 12.5844



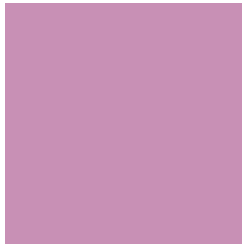
17.8427, 8.8866, 14.9134



0.8777, 0.4339, 0.8793

Previews

White Background



This preview shows how the XYZ color 42.1332, 35.5621, 48.3596 looks on a white background.

Color Contrast Check

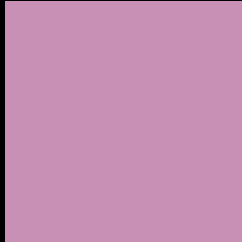
Large Text (above 18pt) WCAG AA × Fail

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 42.1332, 35.5621, 48.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

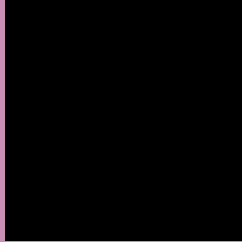
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1332, 35.5621, 48.3596

Background



This preview shows how black text looks on a background with the XYZ color 42.1332, 35.5621, 48.3596.



This preview shows how white text looks on a background with the XYZ color 42.1332, 35.5621,

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

42.1332, 35.5621, 48.3596

Protanopia

35.4923, 35.8718, 54.3435

Deuteranopia

36.5558, 35.8036, 47.6319



Tritanopia

39.8739, 35.5533, 37.5618

Trichromacy



Original Color

42.1332, 35.5621, 48.3596

Protanomaly

37.3198, 35.3570, 51.8713

Deuteranomaly

38.2888, 35.4551, 48.0055

Tritanomaly

40.6975, 35.6632, 41.2979

Monochromacy



Original Color

42.1332, 35.5621, 48.3596

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.7678, 36.5192, 43.5864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1332, 35.5621, 48.3596 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(200, 144, 181)` looks like.

```
.text, #text, p{  
    color:rgb(200, 144, 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(200, 144, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 144, 181) }
```

Border

The CSS property to change the border of an element to XYZ 42.1332, 35.5621, 48.3596 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(200, 144, 181) }
```


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

```
.border{ border-color:rgb(200, 144, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 144, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 144, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 144, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 144,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1332, 35.5621, 48.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 144, 181) }
```

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

```
.background{ background-color: rgb(200,  
144, 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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