

Converting Colors

XYZ(45.4781, 42.1321, 52.5523)

Have a look what the booklet for
XYZ(45.4781, 42.1321, 52.5523)
contains.

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Color

**XYZ(45.5338, 42.1445,
52.7485)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A4BB
RGB	198, 164, 187
RGB Percent	78%, 64%, 73%
CMY	0.2235, 0.3568, 0.2667
CMYK	0.00, 0.17, 0.06, 0.22
HSL	319°, 23%, 71%
HSV	319°, 17%, 78%
XYZ	45.5338, 42.1445, 52.7485
YIQ	176.7880, 12.8810, 14.3610

Conversions

Conversions Part 2

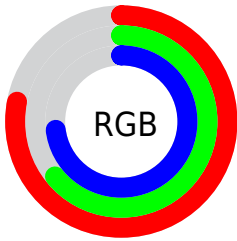
Format	Color
R _Y B	198, 164, 187
Decimal	13018299
CIE Lab	70.97, 16.36, -7.13
CIE LCh	71, 17.846, 336.457
Yxy	42.1445, 0.3243, 0.3001
Android (android.graphics.Color)	4291208379 (0xFFC6A4BB)
YUV	176.7880, 5.0345, 18.6029
Hunter-Lab	64.9188, 11.5913, -2.7318

Details

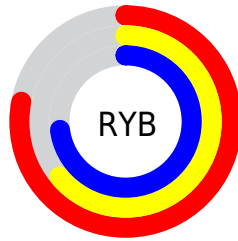
The XYZ color **45.5338, 42.1445, 52.7485** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2434, 51.3770, 48.1974**, and the grayscale version is **41.6494, 43.8184, 47.7183**.

A 20% lighter version of the original color is **82.7492, 78.3941, 95.5642**, and **21.5988, 19.2389, 25.1293** is the 20% darker color. If you saturate the color by 10%, you get **41.5922, 35.3340, 48.1262**, and if you desaturate by 10%, it is **50.0601, 50.0743, 57.7177**.

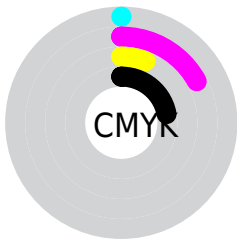
Distribution



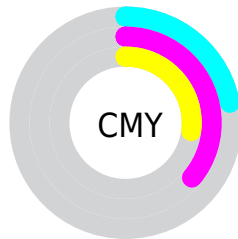
- Red (78%)
- Green (64%)
- Blue (73%)



- Red (78%)
- Yellow (64%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (22%)




- Cyan (22%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5338, 42.1445, 52.7485 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 45.5338, 42.1445, 52.7485 by changing the saturation by 10% instead.


 45.5338, 42.1445,
52.7485


 45.5338, 42.1445,
52.7485


359.6786,
355.0816, 414.3584

 32.0812, 29.2145,
37.2157

 82.7530, 78.4183,
95.6720

 21.5793, 19.2431,
25.0774


 107.2503,
102.5308, 123.8997

 13.6630, 11.8461,
15.9152


136.1598,
131.1396, 157.1962

 7.9668, 6.6390,
9.3105

169.8469,
164.6291, 195.9799

 4.1253, 3.2373,
4.8447

208.6770,
203.3836, 240.6695

 1.7733, 1.2569,
2.0993

253.0154,

 0.5015, 0.1074,

247.7876, 291.6834

0.6153

303.2275,
298.2255, 349.4402

■ 0.0000, 0.0000,
0.0000

■ 45.5338, 42.1445,
52.7485

■ 45.5338, 42.1445,
52.7485

■ 41.5922, 35.3340,
48.1262

■ 50.0601, 50.0743,
57.7177

■ 38.2057, 29.5861,
43.8375

■ 55.1917, 59.1654,
63.0410

■ 35.3479, 24.8476,
39.8720

■ 60.9524, 69.4649,
68.7289

■ 32.9882, 21.0586,
36.2177

■ 67.3640, 81.0151,
74.7902

■ 31.0932, 18.1524,
32.8612

■ 71.8397, 88.6422,
80.3647

■ 29.6250, 16.0542,
29.7878

■ 72.6998, 88.9863,
84.8942

■ 28.5394, 14.6762,
26.9807

■ 73.5928, 89.3435,
89.5966

■ 27.7759, 13.8980,
24.4174

■ 74.5190, 89.7139,
94.4737

■ 27.5876, 13.7253,
23.7257

■ 75.4787, 90.0978,
99.5273

Harmonies

Analogous

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



43.5535, 42.1445, 60.3673



45.5338, 42.1445, 52.7485



46.0146, 42.1445, 44.0703

Triad

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



45.5338, 42.1445, 52.7485



39.4172, 42.1445, 31.4578



35.6298, 42.1445, 56.3284

Complementary

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



45.5338, 42.1445, 52.7485



43.2434, 51.3770, 48.1974

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.



34.6373, 42.1445, 47.7554



45.5338, 42.1445, 52.7485



36.7530, 42.1445, 33.9319

Square

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



45.5338, 42.1445, 52.7485



42.3859, 42.1445, 32.4475



35.0381, 42.1445, 39.6501



37.8152, 42.1445, 62.6064

Rectangle

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



45.5338, 42.1445, 52.7485



45.4000, 42.1445, 38.9691



35.0381, 42.1445, 39.6501



35.1507, 42.1445, 53.5814

Sweetspot

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



45.5350, 42.1464, 52.7494



90.4594, 91.8703, 104.1282



41.0971, 39.7172, 58.9269



19.2288, 19.4287, 22.1470



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.



45.5350, 42.1464, 52.7494



77.6163, 69.3973, 89.9415



43.8434, 41.4697, 43.8416



10.9315, 10.7560, 12.6224



17.9812, 8.9421, 15.6429



0.8835, 0.4363, 0.9099

Inverse Universe

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



45.5350, 42.1464, 52.7494



77.6163, 69.3973, 89.9415



44.9939, 52.0772, 57.4152



10.9315, 10.7560, 12.6224



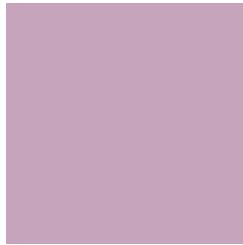
17.9812, 8.9421, 15.6429



0.8835, 0.4363, 0.9099

Previews

White Background



This preview shows how the XYZ color 45.5338, 42.1445, 52.7485 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 45.5338, 42.1445, 52.7485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

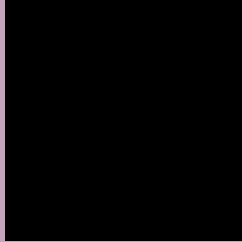
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5338, 42.1445, 52.7485

Background



This preview shows how black text looks on a background with the XYZ color 45.5338, 42.1445, 52.7485.



This preview shows how white text looks on a background with the XYZ color 45.5338, 42.1445,

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

45.5338, 42.1445, 52.7485

Protanopia

41.4713, 42.4636, 55.8797

Deuteranopia

43.0585, 42.2354, 52.3372



Tritanopia

44.5170, 41.9949, 47.8790

Trichromacy



Original Color

45.5338, 42.1445, 52.7485

Protanomaly

42.7250, 42.2909, 54.6263

Deuteranomaly

43.9168, 42.1298, 52.2716

Tritanomaly

44.8216, 42.1168, 49.4831

Monochromacy



Original Color

45.5338, 42.1445, 52.7485

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.1006, 43.1555, 49.7743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5338, 42.1445, 52.7485 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, 164, 187)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 187)  
}
```

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, 164, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.5338, 42.1445, 52.7485 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, 164, 187) }
```


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

```
.border{ border-color:rgb(198, 164, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 164, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 187);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5338, 42.1445, 52.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 187) }
```

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

```
.background{ background-color: rgb(198,  
164, 187) }
```

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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