

Converting Colors

XYZ(45.6073, 41.9440, 52.6869)

Have a look what the booklet for
XYZ(45.6073, 41.9440, 52.6869)
contains.

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Color

**XYZ(45.6200, 41.9244,
52.7015)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A3BB
RGB	199, 163, 187
RGB Percent	78%, 64%, 73%
CMY	0.2196, 0.3608, 0.2667
CMYK	0.00, 0.18, 0.06, 0.22
HSL	320°, 24%, 71%
HSV	320°, 18%, 78%
XYZ	45.6200, 41.9244, 52.7015
YIQ	176.5000, 13.7520, 15.0960

Conversions

Conversions Part 2

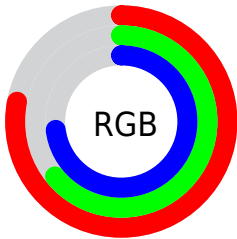
Format	Color
R_{YB}	199, 163, 187
Decimal	13083579
CIE _{Lab}	70.82, 17.26, -7.34
CIE _{LCh}	71, 18.758, 336.954
Yxy	41.9244, 0.3253, 0.2989
Android (android.graphics.Color)	4291273659 (0xFFC7A3BB)
YUV	176.5000, 5.1765, 19.7325
Hunter-Lab	64.7491, 12.4542, -2.9338

Details

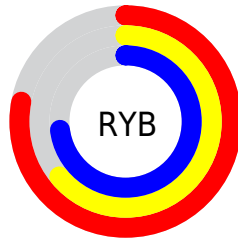
The XYZ color **45.6200, 41.9244, 52.7015** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2672, 51.7296, 48.2642**, and the grayscale version is **41.4977, 43.6588, 47.5444**.

A 20% lighter version of the original color is **82.4891, 77.8739, 95.4775**, and **21.6646, 19.1099, 25.1010** is the 20% darker color. If you saturate the color by 10%, you get **41.6673, 35.1289, 47.9608**, and if you desaturate by 10%, it is **50.1640, 49.8487, 57.8021**.

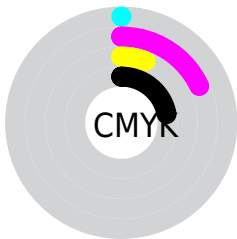
Distribution



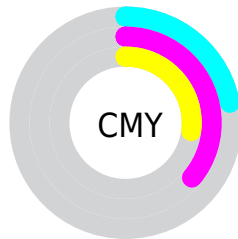
- Red (78%)
- Green (64%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (6%)
- Black (22%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6200, 41.9244, 52.7015 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 45.6200, 41.9244, 52.7015 by changing the saturation by 10% instead.


 45.6200, 41.9244,
52.7015


 45.6200, 41.9244,
52.7015


360.0204,
354.1695, 414.1726

 32.1494, 29.0421,
37.1784


 82.8814, 78.0852,
95.6021

 21.6317, 19.1127,
25.0488


 107.4028,
102.1325, 123.8167

 13.7017, 11.7517,
15.8941


136.3387,
130.6702, 157.0989

 7.9938, 6.5749,
9.2957

170.0542,
164.0828, 195.8672

 4.1427, 3.1977,
4.8351

208.9148,
202.7546, 240.5402

 1.7832, 1.2358,
2.0938

253.2858,

 0.5075, 0.0906,

247.0701, 291.5364

0.6121

303.5325,
297.4135, 349.2743

■ 0.0000, 0.0000,
0.0000

■ 45.6200, 41.9244,
52.7015

■ 45.6200, 41.9244,
52.7015

■ 41.6673, 35.1289,
47.9608

■ 50.1640, 49.8487,
57.8021

■ 38.2758, 29.4046,
43.5664

■ 55.3201, 58.9448,
63.2704

■ 35.4182, 24.6971,
39.5076

■ 61.1130, 69.2604,
69.1169

■ 33.0637, 20.9452,
35.7717

■ 67.5645, 80.8388,
75.3511

■ 31.1777, 18.0809,
32.3449

■ 72.2543, 88.8386,
81.1682

■ 29.7214, 16.0270,
29.2120

■ 73.1516, 89.1975,
85.8933

■ 28.6493, 14.6935,
26.3554

■ 74.0842, 89.5705,
90.8041

■ 27.8928, 13.9441,
23.7498

■ 75.0524, 89.9578,
95.9027

■ 27.7637, 13.8263,
23.2732

■ 76.0567, 90.3595,
101.1912

Harmonies

Analogous

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



43.5598, 41.9244, 60.7813



45.6200, 41.9244, 52.7015



46.0968, 41.9244, 43.6022

Triad

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



45.6200, 41.9244, 52.7015



39.1268, 41.9244, 30.6449



35.2487, 41.9244, 56.7620

Complementary

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



45.6200, 41.9244, 52.7015



43.2672, 51.7296, 48.2642

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.



34.1909, 41.9244, 47.7579



45.6200, 41.9244, 52.7015



36.3531, 41.9244, 33.2623

Square

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



45.6200, 41.9244, 52.7015



42.2399, 41.9244, 31.6081



34.5844, 41.9244, 39.2547



37.5479, 41.9244, 63.3308

Rectangle

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



45.6200, 41.9244, 52.7015



45.4313, 41.9244, 38.3034



34.5844, 41.9244, 39.2547



34.7418, 41.9244, 53.8774

Sweetspot

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



45.6212, 41.9262, 52.7024



90.4397, 91.8624, 104.0245



41.0869, 39.4340, 59.4794



19.2240, 19.4268, 22.1217



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.



45.6212, 41.9262, 52.7024



76.8241, 68.1343, 88.6865



43.8133, 41.2031, 43.1820



10.9270, 10.7542, 12.5987



17.8945, 8.9074, 15.1864



0.8799, 0.4348, 0.8908

Inverse Universe

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



45.6212, 41.9262, 52.7024



76.8241, 68.1343, 88.6865



45.1547, 52.4846, 58.2036



10.9270, 10.7542, 12.5987



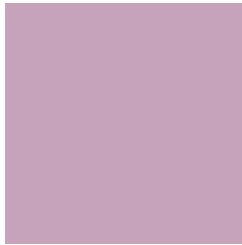
17.8945, 8.9074, 15.1864



0.8799, 0.4348, 0.8908

Previews

White Background



This preview shows how the XYZ color 45.6200, 41.9244, 52.7015 looks on a white background.

Color Contrast Check

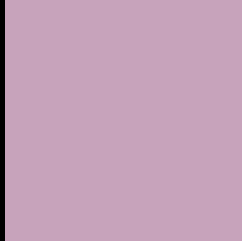
Large Text (above 18pt) WCAG AA × Fail

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 45.6200, 41.9244, 52.7015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

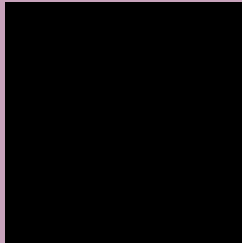
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6200, 41.9244, 52.7015

Background



This preview shows how black text looks on a background with the XYZ color 45.6200, 41.9244, 52.7015.



This preview shows how white text looks on a background with the XYZ color 45.6200, 41.9244,

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

45.6200, 41.9244, 52.7015

Protanopia

41.1727, 42.0132, 56.3914

Deuteranopia

43.0585, 42.2354, 52.3372



Tritanopia

44.6796, 42.0904, 47.3644

Trichromacy



Original Color

45.6200, 41.9244, 52.7015

Protanomaly

42.6480, 41.9613, 55.1418

Deuteranomaly

43.9168, 42.1298, 52.2716

Tritanomaly

44.9047, 41.8929, 49.4355

Monochromacy



Original Color

45.6200, 41.9244, 52.7015

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 45.6200, 41.9244, 52.7015 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(199, 163, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 163, 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(199, 163, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 163, 187) }
```

Border

The CSS property to change the border of an element to XYZ 45.6200, 41.9244, 52.7015 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(199, 163, 187) }
```


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

```
.border{ border-color:rgb(199, 163, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 163, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 163, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 163, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 163,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6200, 41.9244, 52.7015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 163, 187) }
```

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

```
.background{ background-color: rgb(199,  
163, 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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