

Converting Colors

XYZ(47.1336, 45.1644, 53.0345)

Have a look what the booklet for
XYZ(47.1336, 45.1644, 53.0345)
contains.

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Color

**XYZ(47.2754, 45.2350,
53.2533)**

Conversions

Conversions Part 1

Format	Color
Hex	C7ACBB
RGB	199, 172, 187
RGB Percent	78%, 67%, 73%
CMY	0.2196, 0.3255, 0.2667
CMYK	0.00, 0.14, 0.06, 0.22
HSL	327°, 19%, 73%
HSV	327°, 14%, 78%
XYZ	47.2754, 45.2350, 53.2533
YIQ	181.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

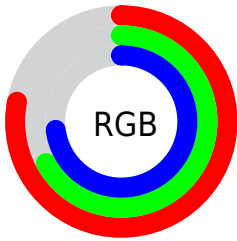
Format	Color
R _Y B	199, 172, 187
Decimal	13085883
CIE Lab	73.05, 12.34, -4.05
CIE LCh	73, 12.985, 341.833
Yxy	45.2350, 0.3243, 0.3103
Android (android.graphics.Color)	4291275963 (0xFFC7ACBB)
YUV	181.7830, 2.5720, 15.0993
Hunter-Lab	67.2570, 7.7692, 0.1347

Details

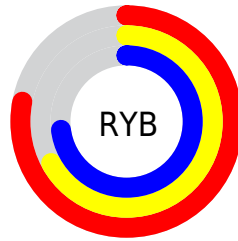
The XYZ color **47.2754, 45.2350, 53.2533** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0902, 53.0795, 53.1661**, and the grayscale version is **44.3286, 46.6372, 50.7879**.

A 20% lighter version of the original color is **84.8867, 82.6692, 96.2768**, and **22.6966, 21.1739, 25.4450** is the 20% darker color. If you saturate the color by 10%, you get **42.8503, 37.8533, 47.2494**, and if you desaturate by 10%, it is **52.3286, 53.7783, 59.7554**.

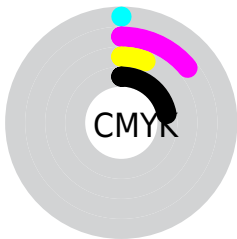
Distribution



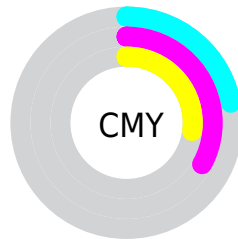
- Red (78%)
- Green (67%)
- Blue (73%)



- Red (78%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (22%)




- Cyan (22%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2754, 45.2350, 53.2533 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 47.2754, 45.2350, 53.2533 by changing the saturation by 10% instead.

 47.2754, 45.2350,
53.2533

 47.2754, 45.2350,
53.2533


366.5433,
367.7245, 416.3500

 33.4623, 31.6426,
37.6159


 85.3408, 83.0729,
96.4223

 22.6417, 21.0886,
25.3852

110.3238,
108.0872, 124.7910

 14.4484, 13.1888,
16.1427


139.7608,
137.6776, 158.2406

 8.5170, 7.5587,
9.4697

174.0172,
172.2285, 197.1895

 4.4821, 3.8139,
4.9478

213.4582,
212.1242, 242.0564

 1.9783, 1.5700,
2.1585

258.4494,

 0.6217, 0.3373,

257.7492, 293.2597

0.6503

309.3560,
309.4878, 351.2181

■ 0.0000, 0.0000,
0.0000

■ 47.2754, 45.2350,
53.2533

■ 47.2754, 45.2350,
53.2533

■ 42.8503, 37.8533,
47.2494

■ 52.3286, 53.7783,
59.7554

■ 39.0231, 31.5765,
41.7270

■ 58.0306, 63.5247,
66.7661

■ 35.7672, 26.3522,
36.6725

■ 64.4058, 74.5210,
74.2989

■ 33.0521, 22.1213,
32.0701

■ 71.4764, 86.8098,
82.3660

■ 30.8444, 18.8187,
27.9033

■ 73.7698, 89.4448,
89.1477

■ 29.1067, 16.3717,
24.1537

■ 75.0528, 89.9580,
95.9044

■ 27.7961, 14.6964,
20.8012

■ 76.4000, 90.4969,
102.9985

■ 26.8611, 13.6916,
17.8222

■ 77.3635, 90.8823,
108.0723

■ 26.3978, 13.2800,
16.0799

Harmonies

Analogous

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



45.9711, 45.2350, 59.1639



47.2754, 45.2350, 53.2533



47.4085, 45.2350, 46.7346

Triad

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



47.2754, 45.2350, 53.2533



42.1059, 45.2350, 38.0061



39.8244, 45.2350, 58.0676

Complementary

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



47.2754, 45.2350, 53.2533



46.0902, 53.0795, 53.1661

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.



38.8634, 45.2350, 51.8607



47.2754, 45.2350, 53.2533



40.1492, 45.2350, 40.5161

Square

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



47.2754, 45.2350, 53.2533



44.3694, 45.2350, 38.3076



38.9802, 45.2350, 45.4586



41.6483, 45.2350, 62.1074

Rectangle

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



47.2754, 45.2350, 53.2533



46.8094, 45.2350, 42.9512



38.9802, 45.2350, 45.4586



39.3927, 45.2350, 56.1434

Sweetspot

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



47.2767, 45.2370, 53.2543



91.1604, 93.3753, 104.0447



44.7585, 43.7841, 60.1258



19.3600, 19.7278, 22.0779



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.



47.2767, 45.2370, 53.2543



80.6035, 75.5609, 90.3534



45.9278, 44.6974, 46.1513



10.8763, 10.7339, 12.3321



17.0188, 8.5571, 10.5749



0.8419, 0.4196, 0.6906

Inverse Universe

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



47.2767, 45.2370, 53.2543



80.6035, 75.5609, 90.3534



47.5391, 53.6591, 60.7961



10.8763, 10.7339, 12.3321



17.0188, 8.5571, 10.5749



0.8419, 0.4196, 0.6906

Previews

White Background



This preview shows how the XYZ color 47.2754, 45.2350, 53.2533 looks on a white background.

Color Contrast Check

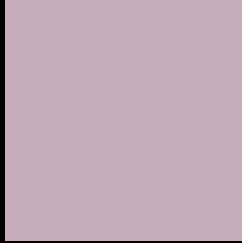
Large Text (above 18pt) WCAG AA × Fail

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 47.2754, 45.2350, 53.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

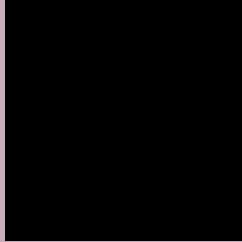
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2754, 45.2350, 53.2533

Background



This preview shows how black text looks on a background with the XYZ color 47.2754, 45.2350, 53.2533.



This preview shows how white text looks on a background with the XYZ color 47.2754, 45.2350,

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

47.2754, 45.2350, 53.2533

Protanopia

43.9148, 45.1861, 55.6974

Deuteranopia

46.3538, 45.3293, 53.3200



Tritanopia

47.1686, 45.1923, 52.6913

Trichromacy



Original Color

47.2754, 45.2350, 53.2533

Protanomaly

45.0693, 45.2075, 55.0657

Deuteranomaly

46.6782, 45.2108, 53.2801

Tritanomaly

47.1686, 45.1923, 52.6913

Monochromacy



Original Color

47.2754, 45.2350, 53.2533

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.3112, 45.9928, 51.8368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2754, 45.2350, 53.2533 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, 172, 187)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 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, 172, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.2754, 45.2350, 53.2533 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, 172, 187) }
```


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

```
.border{ border-color:rgb(199, 172, 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, 172, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 187);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2754, 45.2350, 53.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 187) }
```

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

```
.background{ background-color: rgb(199,  
172, 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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