

Converting Colors

XYZ(47.8265, 45.2981, 53.4534)

Have a look what the booklet for
XYZ(47.8265, 45.2981, 53.4534)
contains.

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Color

**XYZ(47.6199, 45.1312,
53.2151)**

Conversions

Conversions Part 1

Format	Color
Hex	C9ABBB
RGB	201, 171, 187
RGB Percent	79%, 67%, 73%
CMY	0.2118, 0.3294, 0.2667
CMYK	0.00, 0.15, 0.07, 0.21
HSL	328°, 22%, 73%
HSV	328°, 15%, 79%
XYZ	47.6199, 45.1312, 53.2151
YIQ	181.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

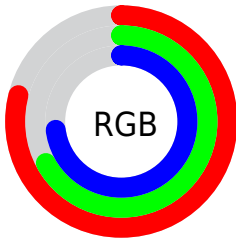
Format	Color
R _{YB}	201, 171, 187
Decimal	13216699
CIE Lab	72.98, 13.59, -4.13
CIE LCh	73, 14.205, 343.104
Yxy	45.1312, 0.3262, 0.3092
Android (android.graphics.Color)	4291406779 (0xFFC9ABBB)
YUV	181.7940, 2.5666, 16.8437
Hunter-Lab	67.1798, 8.9639, 0.0604

Details

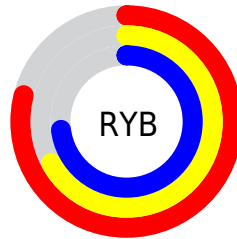
The XYZ color **47.6199, 45.1312, 53.2151** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.4399, 53.9351, 53.8642**, and the grayscale version is **44.3341, 46.6429, 50.7941**.

A 20% lighter version of the original color is **84.6140, 82.1238, 96.1859**, and **22.9325, 21.1179, 25.4217** is the 20% darker color. If you saturate the color by 10%, you get **43.1367, 37.7193, 46.9268**, and if you desaturate by 10%, it is **52.7487, 53.7280, 60.0433**.

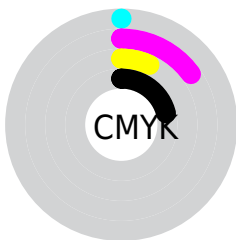
Distribution



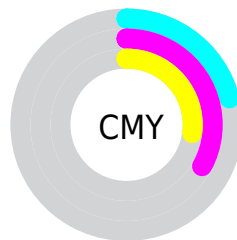
- Red (79%)
- Green (67%)
- Blue (73%)



- Red (79%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (21%)





- Cyan (21%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6199, 45.1312, 53.2151 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 47.6199, 45.1312, 53.2151 by changing the saturation by 10% instead.


 47.6199, 45.1312,
53.2151

 47.6199, 45.1312,
53.2151


367.8912,
367.3047, 416.1995

 33.7360, 31.5608,
37.5856


 85.8513, 82.9173,
96.3656

 22.8528, 21.0262,
25.3619


110.9295,
107.9017, 124.7236

 14.6049, 13.1432,
16.1254


140.4699,
137.4596, 158.1616

 8.6271, 7.5272,
9.4576

174.8378,
171.9753, 197.0981

 4.5539, 3.7939,
4.9400

214.3985,
211.8333, 241.9516

 2.0200, 1.5590,
2.1540

259.5174,

 0.6452, 0.3297,

257.4179, 293.1406

0.6476

310.5598,
309.1136, 351.0837

■ 0.0000, 0.0000,
0.0000

■ 47.6199, 45.1312,
53.2151

■ 47.6199, 45.1312,
53.2151

■ 43.1367, 37.7193,
46.9268

■ 52.7487, 53.7280,
60.0433

■ 39.2679, 31.4339,
41.1604

■ 58.5447, 63.5528,
67.4231

■ 35.9856, 26.2204,
35.9008

■ 65.0333, 74.6541,
75.3693

■ 33.2580, 22.0176,
31.1308

■ 72.2374, 87.0758,
83.8951

■ 31.0502, 18.7576,
26.8322

■ 74.6854, 89.8727,
91.1822

■ 29.3230, 16.3645,
22.9848

■ 76.0687, 90.4260,
98.4664

■ 28.0313, 14.7503,
19.5665

■ 77.5244, 91.0083,
106.1321

■ 27.1204, 13.8079,
16.5514

■ 77.8976, 91.1576,
108.0973

■ 26.7515, 13.4832,
15.1551

Harmonies

Analogous

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



46.2359, 45.1312, 59.7953



47.6199, 45.1312, 53.2151



47.7075, 45.1312, 46.1099

Triad

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



47.6199, 45.1312, 53.2151



41.8243, 45.1312, 37.0084



39.5092, 45.1312, 59.0704

Complementary

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



47.6199, 45.1312, 53.2151



46.4399, 53.9351, 53.8642

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.



38.4192, 45.1312, 52.3004



47.6199, 45.1312, 53.2151



39.7207, 45.1312, 39.8326

Square

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



47.6199, 45.1312, 53.2151



44.2960, 45.1312, 37.2022



38.4950, 45.1312, 45.2788



41.5255, 45.1312, 63.3925

Rectangle

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



47.6199, 45.1312, 53.2151



47.0136, 45.1312, 42.0556



38.4950, 45.1312, 45.2788



39.0259, 45.1312, 56.9788

Sweetspot

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



47.6212, 45.1332, 53.2161



91.1248, 93.3610, 103.8572



45.1148, 43.6594, 61.3081



19.3510, 19.7242, 22.0305



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.



47.6212, 45.1332, 53.2161



78.8557, 72.8263, 87.4250



46.0983, 44.5240, 45.1965



10.8663, 10.7299, 12.2793



16.8669, 8.4963, 9.7747



0.8350, 0.4168, 0.6543

Inverse Universe

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



47.6212, 45.1332, 53.2161



78.8557, 72.8263, 87.4250



48.1079, 54.6023, 62.6479



10.8663, 10.7299, 12.2793



16.8669, 8.4963, 9.7747



0.8350, 0.4168, 0.6543

Previews

White Background



This preview shows how the XYZ color 47.6199, 45.1312, 53.2151 looks on a white background.

Color Contrast Check

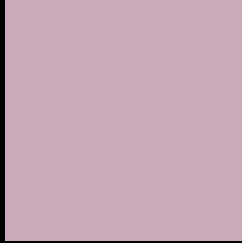
Large Text (above 18pt) WCAG AA × Fail

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 47.6199, 45.1312, 53.2151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

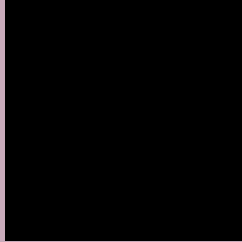
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6199, 45.1312, 53.2151

Background



This preview shows how black text looks on a background with the XYZ color 47.6199, 45.1312, 53.2151.



This preview shows how white text looks on a background with the XYZ color 47.6199, 45.1312,

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

47.6199, 45.1312, 53.2151

Protanopia

43.9148, 45.1861, 55.6974

Deuteranopia

45.9913, 45.1547, 52.7461



Tritanopia

47.4073, 45.0461, 52.0951

Trichromacy



Original Color

47.6199, 45.1312, 53.2151

Protanomaly

45.1178, 44.9424, 55.0120

Deuteranomaly

46.5714, 45.1681, 52.7181

Tritanomaly

47.5132, 45.0885, 52.6531

Monochromacy



Original Color

47.6199, 45.1312, 53.2151

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.5584, 46.1203, 51.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6199, 45.1312, 53.2151 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(201, 171, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 171, 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(201, 171, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 171, 187) }
```

Border

The CSS property to change the border of an element to XYZ 47.6199, 45.1312, 53.2151 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(201, 171, 187) }
```


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

```
.border{ border-color:rgb(201, 171, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 171, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 171, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 171, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 171,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6199, 45.1312, 53.2151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 171, 187) }
```

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

```
.background{ background-color: rgb(201,  
171, 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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