

Converting Colors

XYZ(51.3224, 45.2927, 47.6461)

Have a look what the booklet for
XYZ(51.3224, 45.2927, 47.6461)
contains.

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Color

**XYZ(51.3355, 45.2548,
47.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA4B1
RGB	222, 164, 177
RGB Percent	87%, 64%, 69%
CMY	0.1294, 0.3568, 0.3059
CMYK	0.00, 0.26, 0.20, 0.13
HSL	347°, 47%, 76%
HSV	347°, 26%, 87%
XYZ	51.3355, 45.2548, 47.6244
YIQ	182.8240, 30.3950, 16.3390

Conversions

Conversions Part 2

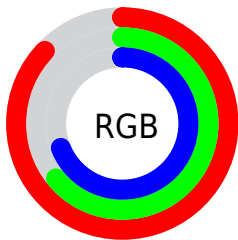
Format	Color
RYB	222, 164, 177
Decimal	14591153
CIELab	73.06, 23.31, 1.73
CIELCh	73, 23.377, 4.253
Yxy	45.2548, 0.3560, 0.3138
Android (android.graphics.Color)	4292781233 (0xFFDEA4B1)
YUV	182.8240, -2.8712, 34.3574
Hunter-Lab	67.2717, 18.4892, 5.1163

Details

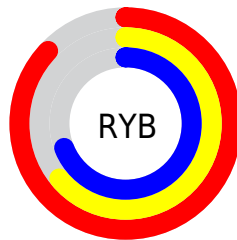
The XYZ color **51.3355, 45.2548, 47.6244** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.9416, 64.7397, 70.0304**, and the grayscale version is **44.9179, 47.2571, 51.4630**.

A 20% lighter version of the original color is **81.2795, 77.8062, 87.8250**, and **25.2217, 21.1760, 22.1601** is the 20% darker color. If you saturate the color by 10%, you get **46.0940, 37.3480, 37.9345**, and if you desaturate by 10%, it is **57.4897, 54.6393, 58.6889**.

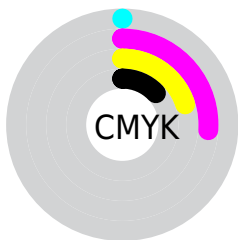
Distribution



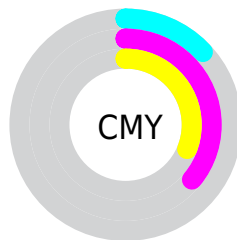
- Red (87%)
- Green (64%)
- Blue (69%)



- Red (87%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (13%)





- Cyan (13%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3355, 45.2548, 47.6244 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 51.3355, 45.2548, 47.6244 by changing the saturation by 10% instead.


 51.3355, 45.2548,
47.6244


 51.3355, 45.2548,
47.6244


382.2321,
367.8045, 393.7671

 36.6978, 31.6582,
33.1717


 91.3305, 83.1026,
88.0046

 25.1462, 21.1005,
21.9858


 117.4186,
108.1226, 114.7692

 16.3153, 13.1975,
13.6482


148.0542,
137.7192, 146.4748

 9.8398, 7.5647,
7.7405

183.6026,
172.2767, 183.5400

 5.3543, 3.8177,
3.8440

224.4293,
212.1797, 226.3832

 2.4935, 1.5721,
1.5401

270.8995,

 0.8920, 0.3387,

257.8123, 275.4231

0.2476

323.3787,
309.5592, 331.0782

■ 0.0000, 0.0000,
0.0000

■ 51.3355, 45.2548,
47.6244

■ 51.3355, 45.2548,
47.6244

■ 46.0940, 37.3480,
37.9345

■ 57.4897, 54.6393,
58.6889

■ 41.7174, 30.8374,
29.5619

■ 64.5939, 65.5653,
71.1764

■ 38.1591, 25.6431,
22.4495

■ 72.6879, 78.1001,
85.1365

■ 35.3665, 21.6746,
16.5348

■ 81.8080, 92.3054,
100.6154

■ 33.2807, 18.8295,
11.7495

■ 83.9344, 94.2697,
108.3798

■ 31.8336, 16.9892,
8.0182

■ 30.9420, 16.0062,
5.2546

■ 30.6947, 15.7578,
4.4129

Harmonies

Analogous

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



50.4868, 45.2548, 59.7118



51.3355, 45.2548, 47.6244



49.8411, 45.2548, 37.6620

Triad

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



51.3355, 45.2548, 47.6244



38.7402, 45.2548, 32.9154



39.6893, 45.2548, 72.4529

Complementary

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



51.3355, 45.2548, 47.6244



52.9416, 64.7397, 70.0304

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.



36.8395, 45.2548, 63.0585



51.3355, 45.2548, 47.6244



36.3164, 45.2548, 40.1309

Square

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



51.3355, 45.2548, 47.6244



42.4331, 45.2548, 30.0663



35.6430, 45.2548, 50.9629



43.5988, 45.2548, 75.2982

Rectangle

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



51.3355, 45.2548, 47.6244



47.7694, 45.2548, 33.1732



35.6430, 45.2548, 50.9629



38.5839, 45.2548, 69.8903

Sweetspot

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



51.3368, 45.2569, 47.6253



86.4393, 86.6900, 93.9711



52.6057, 45.3047, 75.0798



18.1760, 18.0537, 19.5441



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.



51.3368, 45.2569, 47.6253



66.4554, 56.1710, 58.1808



53.0403, 50.6395, 42.1033



13.8324, 13.7506, 14.8875



18.2665, 9.3736, 2.8034



1.2998, 0.6632, 0.3718

Inverse Universe

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



51.3368, 45.2569, 47.6253



66.4554, 56.1710, 58.1808



50.6962, 57.5678, 77.5475



13.8324, 13.7506, 14.8875



18.2665, 9.3736, 2.8034



1.2998, 0.6632, 0.3718

Previews

White Background



This preview shows how the XYZ color 51.3355, 45.2548, 47.6244 looks on a white background.

Color Contrast Check

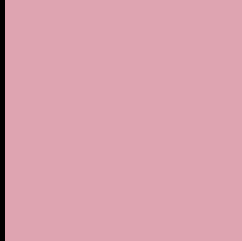
Large Text (above 18pt) WCAG AA × Fail

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 51.3355, 45.2548, 47.6244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

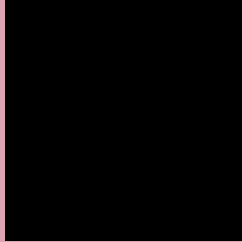
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3355, 45.2548, 47.6244

Background



This preview shows how black text looks on a background with the XYZ color 51.3355, 45.2548, 47.6244.



This preview shows how white text looks on a background with the XYZ color 51.3355, 45.2548,

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

51.3355, 45.2548, 47.6244

Protanopia

43.9331, 45.5667, 52.3787

Deuteranopia

46.4271, 45.5094, 46.8947



Tritanopia

51.3355, 45.2548, 47.6244

Trichromacy



Original Color

51.3355, 45.2548, 47.6244

Protanomaly

46.3445, 45.3853, 50.5736

Deuteranomaly

47.9433, 45.1494, 47.2621

Tritanomaly

51.3355, 45.2548, 47.6244

Monochromacy



Original Color

51.3355, 45.2548, 47.6244

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.8918, 46.2572, 50.1731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3355, 45.2548, 47.6244 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(222, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(222, 164, 177)  
}
```

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(222, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 164, 177) }
```

Border

The CSS property to change the border of an element to XYZ 51.3355, 45.2548, 47.6244 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(222, 164, 177) }
```


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

```
.border{ border-color:rgb(222, 164, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 164, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 164, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 164, 177); box-shadow:4px 4px 4px 4px rgb(222, 164, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3355, 45.2548, 47.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 164, 177) }
```

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

```
.background{ background-color: rgb(222,  
164, 177) }
```

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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