

Converting Colors

XYZ(47.8401, 45.7973, 53.8953)

Have a look what the booklet for
XYZ(47.8401, 45.7973, 53.8953)
contains.

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Color

**XYZ(47.8401, 45.7973,
53.8953)**

Conversions

Conversions Part 1

Format	Color
Hex	C8ADBC
RGB	200, 173, 188
RGB Percent	78%, 68%, 74%
CMY	0.2157, 0.3216, 0.2627
CMYK	0.00, 0.13, 0.06, 0.22
HSL	327°, 20%, 73%
HSV	327°, 13%, 78%
XYZ	47.8401, 45.7973, 53.8953
YIQ	182.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

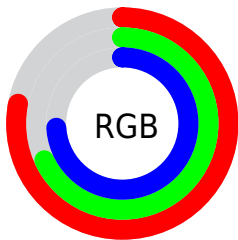
Format	Color
R_{YB}	200, 173, 188
Decimal	13151676
CIE _{Lab}	73.41, 12.33, -4.05
CIE _{LCh}	73, 12.972, 341.828
Yxy	45.7973, 0.3243, 0.3104
Android (android.graphics.Color)	4291341756 (0xFFC8ADBC)
YUV	182.7830, 2.5720, 15.0993
Hunter-Lab	67.6737, 7.7568, 0.1531

Details

The XYZ color **47.8401, 45.7973, 53.8953** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6466, 53.6968, 53.8074**, and the grayscale version is **44.8740, 47.2109, 51.4127**.

A 20% lighter version of the original color is **85.3125, 83.2785, 97.1658**, and **23.0646, 21.5350, 25.8627** is the 20% darker color. If you saturate the color by 10%, you get **43.3596, 38.3226, 47.8185**, and if you desaturate by 10%, it is **52.9563, 54.4478, 60.4764**.

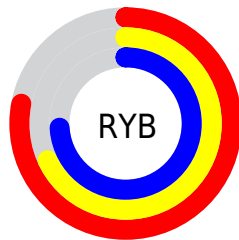
Distribution



Red (78%)

Green (68%)

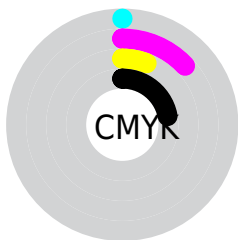
Blue (74%)



Red (78%)

Yellow (68%)

Blue (74%)

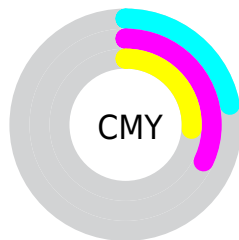


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8401, 45.7973, 53.8953 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 47.8401, 45.7973, 53.8953 by changing the saturation by 10% instead.

■ 47.8401, 45.7973,
53.8953

■ 47.8401, 45.7973,
53.8953

368.7511,
369.9931, 418.8740

■ 33.9110, 32.0859,
38.1254

■ 86.1774, 83.9156,
97.3754

■ 22.9878, 21.4271,
25.7774

111.3163,
109.0912, 125.9225

■ 14.7051, 13.4366,
16.4329

140.9226,
138.8570, 159.5659

■ 8.6977, 7.7299,
9.6734

175.3615,
173.5975, 198.7239

■ 4.6000, 3.9226,
5.0802

214.9985,
213.6969, 243.8152

■ 2.0469, 1.6303,
2.2348

260.1988,

■ 0.6601, 0.3779,

259.5397, 295.2583

0.6944

311.3279,
311.5104, 353.4717

■ 0.0000, 0.0000,
0.0000

■ 47.8401, 45.7973,
53.8953

■ 47.8401, 45.7973,
53.8953

■ 43.3596, 38.3226,
47.8185

■ 52.9563, 54.4478,
60.4764

■ 39.4845, 31.9664,
42.2291

■ 58.7292, 64.3161,
67.5722

■ 36.1876, 26.6756,
37.1131

■ 65.1836, 75.4496,
75.1965

■ 33.4381, 22.3904,
32.4549

■ 72.3417, 87.8913,
83.3614

■ 31.2023, 19.0450,
28.2375

■ 74.2094, 89.6514,
90.0737

■ 29.4424, 16.5658,
24.4425

■ 75.5080, 90.1708,
96.9118

■ 28.1148, 14.8679,
21.0492

■ 76.8714, 90.7162,
104.0913

■ 27.1676, 13.8490,
18.0342

■ 77.6297, 91.0195,
108.0847

■ 26.6945, 13.4294,
16.2532

Harmonies

Analogous

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



46.5265, 45.7973, 59.8460



47.8401, 45.7973, 53.8953



47.9743, 45.7973, 47.3295

Triad

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



47.8401, 45.7973, 53.8953



42.6342, 45.7973, 38.5316



40.3352, 45.7973, 58.7403

Complementary

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



47.8401, 45.7973, 53.8953



46.6466, 53.6968, 53.8074

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.



39.3671, 45.7973, 52.4904



47.8401, 45.7973, 53.8953



40.6630, 45.7973, 41.0613

Square

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



47.8401, 45.7973, 53.8953



44.9142, 45.7973, 38.8360



39.4849, 45.7973, 46.0417



42.1725, 45.7973, 62.8074

Rectangle

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



47.8401, 45.7973, 53.8953



47.3713, 45.7973, 43.5172



39.4849, 45.7973, 46.0417



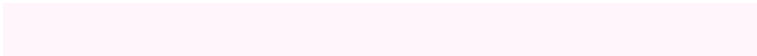
39.9003, 45.7973, 56.8030

Sweetspot

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



47.8414, 45.7993, 53.8963



91.1605, 93.3753, 104.0447



45.3059, 44.3365, 60.8142



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.



47.8414, 45.7993, 53.8963



80.6035, 75.5609, 90.3534



46.4828, 45.2559, 46.7421



10.8763, 10.7339, 12.3321



17.0188, 8.5571, 10.5750



0.8419, 0.4196, 0.6906

Inverse Universe

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



47.8414, 45.7993, 53.8963



80.6035, 75.5609, 90.3534



48.1054, 54.2804, 61.4897



10.8763, 10.7339, 12.3321



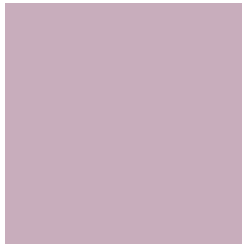
17.0188, 8.5571, 10.5750



0.8419, 0.4196, 0.6906

Previews

White Background



This preview shows how the XYZ color 47.8401, 45.7973, 53.8953 looks on a white background.

Color Contrast Check

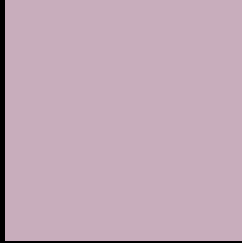
Large Text (above 18pt) WCAG AA × Fail

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 47.8401, 45.7973, 53.8953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

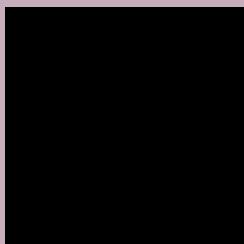
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8401, 45.7973, 53.8953

Background



This preview shows how black text looks on a background with the XYZ color 47.8401, 45.7973, 53.8953.



This preview shows how white text looks on a background with the XYZ color 47.8401, 45.7973,

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

47.8401, 45.7973, 53.8953

Protanopia

44.4569, 45.7493, 56.3565

Deuteranopia

46.9127, 45.8929, 53.9626



Tritanopia

47.7326, 45.7544, 53.3294

Trichromacy



Original Color

47.8401, 45.7973, 53.8953

Protanomaly

45.6196, 45.7707, 55.7204

Deuteranomaly

47.2391, 45.7733, 53.9223

Tritanomaly

47.7326, 45.7544, 53.3294

Monochromacy



Original Color

47.8401, 45.7973, 53.8953

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.8633, 46.5618, 52.4690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8401, 45.7973, 53.8953 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(200, 173, 188)` looks like.

```
.text, #text, p{  
    color:rgb(200, 173, 188)  
}
```

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(200, 173, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 173, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.8401, 45.7973, 53.8953 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(200, 173, 188) }
```


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

```
.border{ border-color:rgb(200, 173, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 173, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 173, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 173, 188);  
box-shadow:4px 4px 4px 4px rgb(200, 173,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8401, 45.7973, 53.8953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 173, 188) }
```

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

```
.background{ background-color: rgb(200,  
173, 188) }
```

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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