

Converting Colors

XYZ(52.0304, 47.7925, 48.7450)

Have a look what the booklet for
XYZ(52.0304, 47.7925, 48.7450)
contains.

XYZ(52.0018, 47.7795, 48.6010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.0018, 47.7795,
48.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	DBACB2
RGB	219, 172, 178
RGB Percent	86%, 67%, 70%
CMY	0.1412, 0.3255, 0.3020
CMYK	0.00, 0.21, 0.19, 0.14
HSL	352°, 39%, 77%
HSV	352°, 21%, 86%
XYZ	52.0018, 47.7795, 48.6010
YIQ	186.7370, 26.0860, 11.8300

Conversions

Conversions Part 2

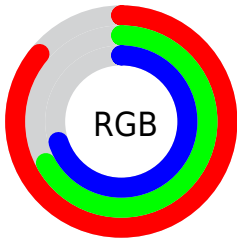
Format	Color
R_{YB}	219, 172, 178
Decimal	14396594
CIE _{Lab}	74.69, 18.06, 3.51
CIE _{LCh}	75, 18.395, 10.991
Yxy	47.7795, 0.3505, 0.3220
Android (android.graphics.Color)	4292586674 (0xFFDBACB2)
YUV	186.7370, -4.3073, 28.2947
Hunter-Lab	69.1227, 13.3228, 6.6984

Details

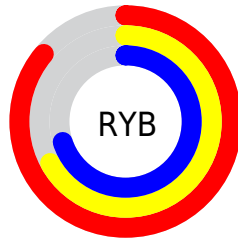
The XYZ color **52.0018, 47.7795, 48.6010** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.3570, 64.2389, 72.4885**, and the grayscale version is **47.1002, 49.5531, 53.9633**.

A 20% lighter version of the original color is **83.8347, 82.6873, 89.3836**, and **25.4028, 22.4609, 22.3985** is the 20% darker color. If you saturate the color by 10%, you get **46.3856, 39.4061, 37.9145**, and if you desaturate by 10%, it is **58.5747, 57.6378, 60.9257**.

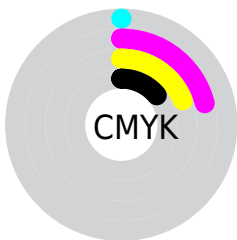
Distribution



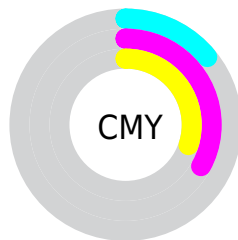
- Red (86%)
- Green (67%)
- Blue (70%)



- Red (86%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (14%)



- Cyan (14%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0018, 47.7795, 48.6010 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 52.0018, 47.7795, 48.6010 by changing the saturation by 10% instead.

■ 52.0018, 47.7795,
48.6010

■ 52.0018, 47.7795,
48.6010

384.7674,
377.9175, 397.7466

■ 37.2308, 33.6523,
33.9397

■ 92.3081, 86.8760,
89.4734

■ 25.5607, 22.6266,
22.5703

118.5741,
112.6141, 116.5216

■ 16.6263, 14.3180,
14.0742

149.4025,
142.9913, 148.5358

■ 10.0620, 8.3422,
8.0330

185.1586,
178.3920, 185.9347

■ 5.5027, 4.3147,
4.0280

226.2078,
219.2005, 229.1366

■ 2.5829, 1.8511,
1.6407

272.9154,

■ 0.9372, 0.5187,

265.8014, 278.5602

0.3196

325.6468,
318.5789, 334.6241

■ 0.0000, 0.0000,
0.0000

■ 52.0018, 47.7795,
48.6010

■ 52.0018, 47.7795,
48.6010

■ 46.3856, 39.4061,
37.9145

■ 58.5747, 57.6378,
60.9257

■ 41.6776, 32.4394,
28.7942

■ 66.1419, 69.0412,
74.9506

■ 37.8309, 26.8040,
21.1672

■ 74.7440, 82.0546,
90.7380

■ 34.7928, 22.4148,
14.9534

■ 82.9312, 93.7632,
107.8506

■ 32.5048, 19.1770,
10.0653

■ 83.0236, 93.8001,
108.3372

■ 30.9004, 16.9818,
6.4055

■ 29.9010, 15.6998,
3.8629

■ 29.4224, 15.1437,
2.4671

Harmonies

Analogous

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



51.7483, 47.7795, 58.2364



52.0018, 47.7795, 48.6010



50.4262, 47.7795, 40.8854

Triad

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



52.0018, 47.7795, 48.6010



41.3361, 47.7795, 39.3588



43.3566, 47.7795, 71.3863

Complementary

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



52.0018, 47.7795, 48.6010



54.3570, 64.2389, 72.4885

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.



40.7436, 47.7795, 65.0210



52.0018, 47.7795, 48.6010



39.6171, 47.7795, 46.2695

Square

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



52.0018, 47.7795, 48.6010



44.2016, 47.7795, 36.0008



39.4056, 47.7795, 55.6035



46.6463, 47.7795, 72.2099

Rectangle

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



52.0018, 47.7795, 48.6010



48.5936, 47.7795, 37.5615



39.4056, 47.7795, 55.6035



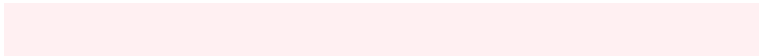
42.3743, 47.7795, 69.7902

Sweetspot

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



52.0031, 47.7817, 48.6020



88.2866, 89.7936, 96.4093



54.9034, 48.7281, 73.5299



18.7462, 18.9923, 20.3562



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.



52.0031, 47.7817, 48.6020



69.4694, 61.5647, 61.1404



54.9091, 54.5361, 46.6650



13.1233, 13.0784, 13.9106



17.4682, 8.9883, 1.5795



1.1543, 0.5914, 0.2215

Inverse Universe

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



52.0031, 47.7817, 48.6020



69.4694, 61.5647, 61.1404



50.8671, 56.0185, 75.1498



13.1233, 13.0784, 13.9106



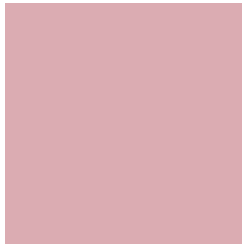
17.4682, 8.9883, 1.5795



1.1543, 0.5914, 0.2215

Previews

White Background



This preview shows how the XYZ color 52.0018, 47.7795, 48.6010 looks on a white background.

Color Contrast Check

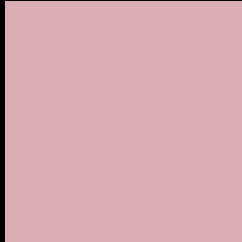
Large Text (above 18pt) WCAG AA × Fail

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 52.0018, 47.7795, 48.6010 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 52.0018, 47.7795, 48.6010

Background



This preview shows how black text looks on a background with the XYZ color 52.0018, 47.7795, 48.6010.



This preview shows how white text looks on a background with the XYZ color 52.0018, 47.7795,

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

52.0018, 47.7795, 48.6010

Protanopia

46.0787, 47.8925, 52.1630

Deuteranopia

48.7580, 47.8525, 48.2616



Tritanopia

52.7298, 47.8022, 51.7950

Trichromacy



Original Color

52.0018, 47.7795, 48.6010

Protanomaly

48.1168, 47.7597, 50.9385

Deuteranomaly

49.7556, 47.7803, 48.1951

Tritanomaly

52.5216, 47.7189, 50.6984

Monochromacy



Original Color

52.0018, 47.7795, 48.6010

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.9329, 49.0587, 52.2376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0018, 47.7795, 48.6010 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(219, 172, 178)` looks like.

```
.text, #text, p{  
    color:rgb(219, 172, 178)  
}
```

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(219, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 172, 178) }
```

Border

The CSS property to change the border of an element to XYZ 52.0018, 47.7795, 48.6010 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(219, 172, 178) }
```


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

```
.border{ border-color:rgb(219, 172, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(219, 172,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0018, 47.7795, 48.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 172, 178) }
```

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

```
.background{ background-color: rgb(219,  
172, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor