

Converting Colors

XYZ(52.3121, 52.0579, 37.4280)

Have a look what the booklet for
XYZ(52.3121, 52.0579, 37.4280)
contains.

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Color

**XYZ(52.3121, 52.0579,
37.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB999
RGB	219, 185, 153
RGB Percent	86%, 73%, 60%
CMY	0.1412, 0.2745, 0.4000
CMYK	0.00, 0.16, 0.30, 0.14
HSL	29°, 48%, 73%
HSV	29°, 30%, 86%
XYZ	52.3121, 52.0579, 37.4280
YIQ	191.5180, 30.5360, -2.7440

Conversions

Conversions Part 2

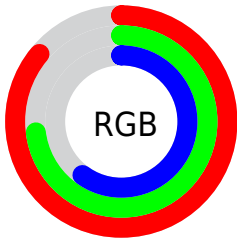
Format	Color
R_{YB}	219, 215, 153
Decimal	14399897
CIE _{Lab}	77.32, 7.53, 20.79
CIE _{LCh}	77, 22.110, 70.079
Yxy	52.0579, 0.3689, 0.3671
Android (android.graphics.Color)	4292589977 (0xFFDDBB999)
YUV	191.5180, -18.9894, 24.1017
Hunter-Lab	72.1512, 3.1542, 19.7495

Details

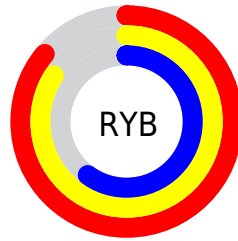
The XYZ color **52.3121, 52.0579, 37.4280** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.6928, 47.4258, 73.8691**, and the grayscale version is **49.9178, 52.5174, 57.1914**.

A 20% lighter version of the original color is **83.9578, 88.6756, 71.7225**, and **25.7538, 25.2484, 16.0864** is the 20% darker color. If you saturate the color by 10%, you get **48.4001, 46.8676, 28.0042**, and if you desaturate by 10%, it is **56.7461, 57.7603, 48.6647**.

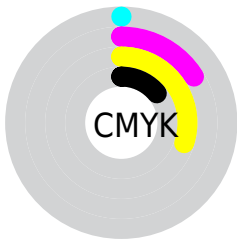
Distribution



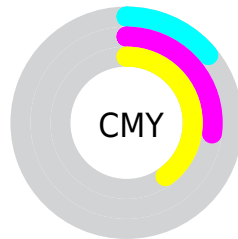
- Red (86%)
- Green (73%)
- Blue (60%)



- Red (86%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3121, 52.0579, 37.4280 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 52.3121, 52.0579, 37.4280 by changing the saturation by 10% instead.


 52.3121, 52.0579,
37.4280


 52.3121, 52.0579,
37.4280


385.9445,
394.6601, 350.3842

 37.4792, 37.0512,
25.2407


 92.7629, 93.2166,
72.4242

 25.7541, 25.2472,
16.0358


 119.1114,
120.1375, 96.0702

 16.7715, 16.2613,
9.3949


150.0292,
151.7985, 124.3728

 10.1660, 9.7092,
4.8993

185.8816,
188.5841, 157.7506

 5.5723, 5.2066,
2.1306

227.0340,
230.8786, 196.6221

 2.6249, 2.3690,
0.6339

273.8517,

 0.9587, 0.8099,

279.0666, 241.4058

0.0000

326.7001,
333.5323, 292.5203

■ 0.0000, 0.0000,
0.0000

■ 52.3121, 52.0579,
37.4280

■ 52.3121, 52.0579,
37.4280

■ 48.4001, 46.8676,
28.0042

■ 56.7461, 57.7603,
48.6647

■ 44.9835, 42.1663,
20.2930

■ 61.7189, 63.9826,
61.8011

■ 42.0392, 37.9395,
14.1889

■ 67.2518, 70.7417,
76.9220

■ 39.5405, 34.1689,
9.5735

■ 73.3632, 78.0512,
94.1061

■ 37.4570, 30.8347,
6.3115

■ 78.8392, 85.4317,
106.9424

■ 35.7536, 27.9148,
4.2427

■ 82.2899, 92.3331,
108.0927

■ 34.3879, 25.4090,
3.0920

■ 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



55.9893, 52.0579, 42.9283



52.3121, 52.0579, 37.4280



48.0652, 52.0579, 36.6466

Triad

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



52.3121, 52.0579, 37.4280



41.8726, 52.0579, 60.8711



54.9212, 52.0579, 76.5093

Complementary

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



52.3121, 52.0579, 37.4280



43.6928, 47.4258, 73.8691

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.



50.9213, 52.0579, 82.9441



52.3121, 52.0579, 37.4280



43.4949, 52.0579, 73.0987

Square

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



52.3121, 52.0579, 37.4280



42.1976, 52.0579, 49.0868



46.7510, 52.0579, 81.6138



57.5543, 52.0579, 65.0232

Rectangle

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



52.3121, 52.0579, 37.4280



45.5015, 52.0579, 38.7697



46.7510, 52.0579, 81.6138



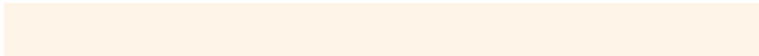
53.6828, 52.0579, 79.4043

Sweetspot

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



52.3135, 52.0603, 37.4291



87.9168, 91.2974, 89.3696



49.5853, 41.4352, 52.4546



18.5842, 19.2529, 18.5001



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.



52.3135, 52.0603, 37.4291



70.3554, 68.8848, 44.3323



60.0088, 67.4510, 39.9942



13.5746, 14.0885, 13.7295



20.4991, 15.2838, 1.8697



1.4141, 1.1622, 0.1498

Inverse Universe

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



43.6928, 47.4258, 73.8691



56.3616, 61.3603, 103.4809



37.4957, 35.0316, 71.8034



12.8906, 13.7209, 16.6211



11.1802, 10.2299, 41.1237



0.8105, 0.8351, 2.6929

Previews

White Background



This preview shows how the XYZ color 52.3121, 52.0579, 37.4280 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 52.3121, 52.0579, 37.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

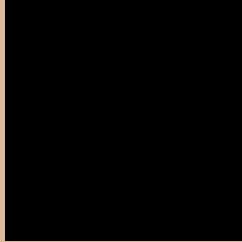
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3121, 52.0579, 37.4280

Background



This preview shows how black text looks on a background with the XYZ color 52.3121, 52.0579, 37.4280.



This preview shows how white text looks on a background with the XYZ color 52.3121, 52.0579,

37.4280.

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

52.3121, 52.0579, 37.4280

Protanopia

48.9887, 52.2185, 38.9497

Deuteranopia

53.3217, 52.2689, 37.4155



Tritanopia

56.4862, 51.9377, 57.4999

Trichromacy



Original Color

52.3121, 52.0579, 37.4280

Protanomaly

50.1264, 52.1716, 38.4385

Deuteranomaly

53.0145, 52.1105, 37.4012

Tritanomaly

54.6840, 51.7917, 49.2341

Monochromacy



Original Color

52.3121, 52.0579, 37.4280

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5906, 52.1661, 49.5221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3121, 52.0579, 37.4280 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, 185, 153)` looks like.

```
.text, #text, p{  
    color:rgb(219, 185, 153)  
}
```

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, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 185, 153) }
```

Border

The CSS property to change the border of an element to XYZ 52.3121, 52.0579, 37.4280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

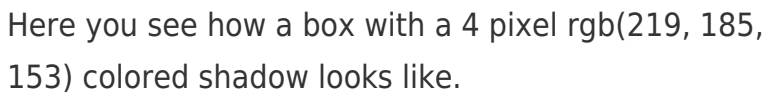
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 185, 153) }
```


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

```
.border{ border-color:rgb(219, 185, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 185, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 185, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 185, 153);  
box-shadow:4px 4px 4px 4px rgb(219, 185,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3121, 52.0579, 37.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 185, 153) }
```

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

```
.background{ background-color: rgb(219,  
185, 153) }
```

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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