

Converting Colors

XYZ(51.3829, 49.9974, 37.3030)

Have a look what the booklet for
XYZ(51.3829, 49.9974, 37.3030)
contains.

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Color

**XYZ(51.3674, 50.0357,
37.5223)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB49A
RGB	219, 180, 154
RGB Percent	86%, 71%, 60%
CMY	0.1412, 0.2941, 0.3961
CMYK	0.00, 0.18, 0.30, 0.14
HSL	24°, 47%, 73%
HSV	24°, 30%, 86%
XYZ	51.3674, 50.0357, 37.5223
YIQ	188.6970, 31.5900, 0.1820

Conversions

Conversions Part 2

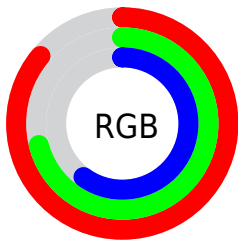
Format	Color
RYB	219, 197, 154
Decimal	14398618
CIELab	76.09, 10.33, 18.56
CIElCh	76, 21.240, 60.902
Yxy	50.0357, 0.3697, 0.3602
Android (android.graphics.Color)	4292588698 (0xFFDDBB49A)
YUV	188.6970, -17.1056, 26.5757
Hunter-Lab	70.7359, 5.8363, 18.0644

Details

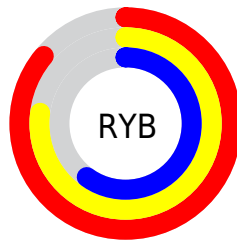
The XYZ color **51.3674, 50.0357, 37.5223** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1820, 50.1228, 74.3113**, and the grayscale version is **48.2797, 50.7940, 55.3147**.

A 20% lighter version of the original color is **82.6206, 85.8050, 71.8820**, and **25.1418, 23.9445, 16.1286** is the 20% darker color. If you saturate the color by 10%, you get **47.1797, 44.3176, 27.9337**, and if you desaturate by 10%, it is **56.1420, 56.3944, 48.9494**.

Distribution



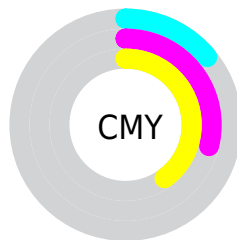
- Red (86%)
- Green (71%)
- Blue (60%)



- Red (86%)
- Yellow (77%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3674, 50.0357, 37.5223 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 51.3674, 50.0357, 37.5223 by changing the saturation by 10% instead.


 51.3674, 50.0357,
37.5223


 51.3674, 50.0357,
37.5223


382.3537,
386.8055, 350.8028

 36.7233, 35.4418,
25.3132


 91.3774, 90.2278,
72.5706

 25.1660, 24.0034,
16.0894


 117.4740,
116.5947, 96.2469

 16.3302, 15.3361,
9.4324


148.1188,
147.6547, 124.5827

 9.8504, 9.0556,
4.9236

183.6772,
183.7923, 157.9966

 5.3614, 4.7775,
2.1446

224.5146,
225.3918, 196.9069

 2.4978, 2.1173,
0.6421

270.9962,

 0.8941, 0.6743,

272.8375, 241.7324

0.0000

323.4875,
326.5140, 292.8915

■ 0.0000, 0.0000,
0.0000

■ 51.3674, 50.0357,
37.5223

■ 51.3674, 50.0357,
37.5223

■ 47.1797, 44.3176,
27.9337

■ 56.1420, 56.3944,
48.9494

■ 43.5498, 39.2120,
20.0827

■ 61.5230, 63.4069,
62.3022

■ 40.4520, 34.6988,
13.8636

■ 67.5337, 71.0945,
77.6662

■ 37.8566, 30.7539,
9.1574

■ 74.1950, 79.4756,
95.1207

■ 35.7303, 27.3512,
5.8287

■ 80.1274, 88.0079,
107.3718

■ 34.0349, 24.4618,
3.7176

■ 83.0235, 93.8001,
108.3372

■ 32.7100, 22.0471,
2.5516

■ 32.6717, 21.9767,
2.5199

Harmonies

Analogous

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



54.4132, 50.0357, 44.0057



51.3674, 50.0357, 37.5223



47.4374, 50.0357, 35.4132

Triad

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



51.3674, 50.0357, 37.5223



40.3254, 50.0357, 54.8252



51.5868, 50.0357, 75.4760

Complementary

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



51.3674, 50.0357, 37.5223



45.1820, 50.1228, 74.3113

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.



47.6777, 50.0357, 79.3955



51.3674, 50.0357, 37.5223



41.3031, 50.0357, 66.4979

Square

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



51.3674, 50.0357, 37.5223



41.1939, 50.0357, 44.5247



43.9407, 50.0357, 75.9045



54.5448, 50.0357, 65.8194

Rectangle

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



51.3674, 50.0357, 37.5223



44.8855, 50.0357, 36.5017



43.9407, 50.0357, 75.9045



50.3334, 50.0357, 77.5639

Sweetspot

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



51.3687, 50.0380, 37.5233



87.3365, 90.1369, 89.1762



50.3950, 42.0220, 55.9074



18.4416, 18.9676, 18.4525



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.



51.3687, 50.0380, 37.5233



68.5061, 65.1861, 43.7159



58.7151, 64.7307, 39.9721



13.4814, 13.9022, 13.6984



19.4733, 13.2321, 1.5277



1.3445, 1.0230, 0.1266

Inverse Universe

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



45.1820, 50.1228, 74.3113



58.3376, 65.3124, 104.1396



38.7708, 37.3004, 72.1742



12.9851, 13.9100, 16.6526



12.5347, 12.9388, 41.5752



0.8955, 1.0052, 2.7213

Previews

White Background



This preview shows how the XYZ color 51.3674, 50.0357, 37.5223 looks on a white background.

Color Contrast Check

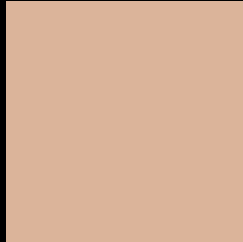
Large Text (above 18pt) WCAG AA × Fail

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 51.3674, 50.0357, 37.5223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

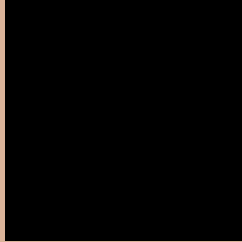
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3674, 50.0357, 37.5223

Background



This preview shows how black text looks on a background with the XYZ color 51.3674, 50.0357, 37.5223.



This preview shows how white text looks on a background with the XYZ color 51.3674, 50.0357,

37.5223.

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

51.3674, 50.0357, 37.5223

Protanopia

47.2306, 50.0150, 39.5123

Deuteranopia

51.2701, 50.2863, 37.5758



Tritanopia

54.9467, 50.0220, 54.9033

Trichromacy



Original Color

51.3674, 50.0357, 37.5223

Protanomaly

48.6799, 49.8371, 38.9521

Deuteranomaly

51.2701, 50.2863, 37.5758

Tritanomaly

53.6828, 50.1085, 47.9168

Monochromacy



Original Color

51.3674, 50.0357, 37.5223

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.2148, 50.5318, 48.2340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3674, 50.0357, 37.5223 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, 180, 154)` looks like.

```
.text, #text, p{  
    color:rgb(219, 180, 154)  
}
```

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, 180, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 180, 154) }
```

Border

The CSS property to change the border of an element to XYZ 51.3674, 50.0357, 37.5223 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, 180, 154) }
```


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

```
.border{ border-color:rgb(219, 180, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 180, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 180, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 180, 154);  
box-shadow:4px 4px 4px 4px rgb(219, 180,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3674, 50.0357, 37.5223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 180, 154) }
```

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

```
.background{ background-color: rgb(219,  
180, 154) }
```

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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