

Converting Colors

XYZ(52.7417, 52.7154, 37.7536)

Have a look what the booklet for
XYZ(52.7417, 52.7154, 37.7536)
contains.

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Color

**XYZ(52.6051, 52.5110,
37.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBA9A
RGB	219, 186, 154
RGB Percent	86%, 73%, 60%
CMY	0.1412, 0.2706, 0.3961
CMYK	0.00, 0.15, 0.30, 0.14
HSL	30°, 47%, 73%
HSV	30°, 30%, 86%
XYZ	52.6051, 52.5110, 37.9349
YIQ	192.2190, 29.9400, -2.9560

Conversions

Conversions Part 2

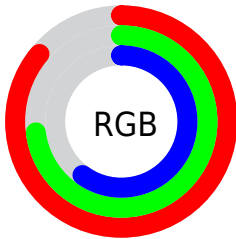
Format	Color
R _Y B	219, 217, 154
Decimal	14400154
CIE Lab	77.59, 7.13, 20.62
CIE LCh	78, 21.822, 70.919
Yxy	52.5110, 0.3677, 0.3671
Android (android.graphics.Color)	4292590234 (0xFFDBBA9A)
YUV	192.2190, -18.8420, 23.4869
Hunter-Lab	72.4645, 2.7681, 19.6870

Details

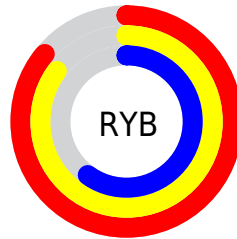
The XYZ color **52.6051, 52.5110, 37.9349** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.8825, 47.5238, 73.8782**, and the grayscale version is **50.3264, 52.9473, 57.6596**.

A 20% lighter version of the original color is **84.5008, 89.3677, 73.1176**, and **25.9400, 25.5409, 16.3947** is the 20% darker color. If you saturate the color by 10%, you get **48.6936, 47.3454, 28.4384**, and if you desaturate by 10%, it is **57.0343, 58.1790, 49.2469**.

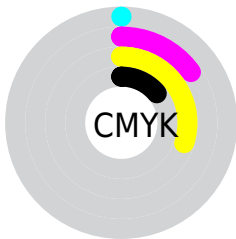
Distribution



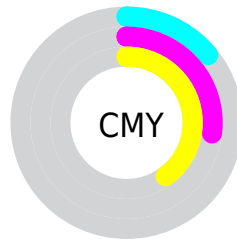
- Red (86%)
- Green (73%)
- Blue (60%)



- Red (86%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (14%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6051, 52.5110, 37.9349 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 52.6051, 52.5110, 37.9349 by changing the saturation by 10% instead.


 52.6051, 52.5110,
37.9349


 52.6051, 52.5110,
37.9349


387.0539,
396.4062, 352.6304

 37.7138, 37.4125,
25.6307


 93.1920, 93.8844,
73.2107

 25.9369, 25.5271,
16.3243


 119.6183,
120.9282, 97.0193

 16.9088, 16.4702,
9.5971


150.6203,
152.7225, 125.4999

 10.2644, 9.8575,
5.0306

186.5635,
189.6517, 159.0710

 5.6382, 5.3046,
2.2061

227.8130,
232.1004, 198.1510

 2.6649, 2.4270,
0.6779

274.7344,

 0.9792, 0.8398,

280.4527, 243.1585

0.0000

327.6929,
335.0932, 294.5122

■ 0.0000, 0.0000,
0.0000

■ 52.6051, 52.5110,
37.9349

■ 52.6051, 52.5110,
37.9349

■ 48.6936, 47.3454,
28.4384

■ 57.0343, 58.1790,
49.2469

■ 45.2736, 42.6596,
20.6574

■ 61.9980, 64.3568,
62.4607

■ 42.3223, 38.4393,
14.4870

■ 67.5169, 71.0608,
77.6608

■ 39.8131, 34.6670,
9.8095

■ 73.6095, 78.3044,
94.9257

■ 37.7164, 31.3232,
6.4907

■ 78.8938, 85.5407,
106.9606

■ 35.9973, 28.3865,
4.3717

■ 82.2964, 92.3459,
108.0948

■ 34.5997, 25.8263,
3.1815

■ 83.0235, 93.8001,
108.3372

■ 34.5583, 25.7496,
3.1488

Harmonies

Analogous

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



56.2844, 52.5110, 43.2873



52.6051, 52.5110, 37.9349



48.3914, 52.5110, 37.2886

Triad

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



52.6051, 52.5110, 37.9349



42.3718, 52.5110, 61.6834



55.4058, 52.5110, 76.5569

Complementary

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



52.6051, 52.5110, 37.9349



43.8825, 47.5238, 73.8782

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.



51.4603, 52.5110, 83.1121



52.6051, 52.5110, 37.9349



44.0363, 52.5110, 73.7558

Square

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



52.6051, 52.5110, 37.9349



42.6398, 52.5110, 49.9226



47.3088, 52.5110, 82.0204



57.9632, 52.5110, 65.0991

Rectangle

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



52.6051, 52.5110, 37.9349



45.8627, 52.5110, 39.4941



47.3088, 52.5110, 82.0204



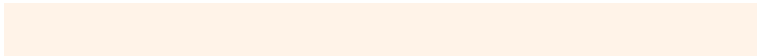
54.1890, 52.5110, 79.4751

Sweetspot

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



52.6065, 52.5134, 37.9360



87.9681, 91.4000, 89.3867



49.8017, 41.7848, 52.7828



18.5969, 19.2782, 18.5043



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.



52.6065, 52.5134, 37.9360



70.5224, 69.2187, 44.3880



60.0963, 67.4931, 40.4326



13.5828, 14.1050, 13.7322



20.6005, 15.4866, 1.9035



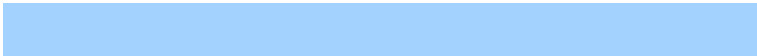
1.4207, 1.1756, 0.1520

Inverse Universe

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



43.8825, 47.5238, 73.8782



56.1924, 61.0220, 103.4245



37.8484, 35.4556, 71.8669



12.8823, 13.7044, 16.6184



11.0731, 10.0156, 41.0880



0.8036, 0.8212, 2.6906

Previews

White Background



This preview shows how the XYZ color 52.6051, 52.5110, 37.9349 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 52.6051, 52.5110, 37.9349 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 52.6051, 52.5110, 37.9349

Background



This preview shows how black text looks on a background with the XYZ color 52.6051, 52.5110, 37.9349.



This preview shows how white text looks on a background with the XYZ color 52.6051, 52.5110,

37.9349.

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

52.6051, 52.5110, 37.9349

Protanopia

49.3452, 52.3924, 39.4103

Deuteranopia

53.4046, 52.3020, 37.8524



Tritanopia

56.7993, 52.3849, 58.1566

Trichromacy



Original Color

52.6051, 52.5110, 37.9349

Protanomaly

50.4928, 52.3508, 38.8959

Deuteranomaly

53.3059, 52.5606, 37.9075

Tritanomaly

54.9888, 52.2402, 49.8330

Monochromacy



Original Color

52.6051, 52.5110, 37.9349

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.8065, 52.5978, 49.5941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6051, 52.5110, 37.9349 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, 186, 154)` looks like.

```
.text, #text, p{  
    color:rgb(219, 186, 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, 186, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 186, 154) }
```

Border

The CSS property to change the border of an element to XYZ 52.6051, 52.5110, 37.9349 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, 186, 154) }
```


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

```
.border{ border-color:rgb(219, 186, 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, 186, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 186, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 186, 154);  
box-shadow:4px 4px 4px 4px rgb(219, 186,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6051, 52.5110, 37.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 186, 154) }
```

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

```
.background{ background-color: rgb(219,  
186, 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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