

Converting Colors

XYZ(51.4573, 49.9662, 35.4755)

Have a look what the booklet for
XYZ(51.4573, 49.9662, 35.4755)
contains.

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Color

**XYZ(51.3637, 49.7823,
35.3356)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB395
RGB	221, 179, 149
RGB Percent	87%, 70%, 58%
CMY	0.1333, 0.2980, 0.4157
CMYK	0.00, 0.19, 0.33, 0.13
HSL	25°, 51%, 73%
HSV	25°, 33%, 87%
XYZ	51.3637, 49.7823, 35.3356
YIQ	188.1380, 34.6620, -0.4260

Conversions

Conversions Part 2

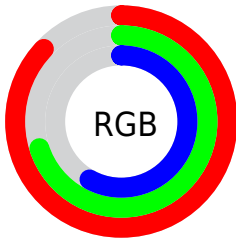
Format	Color
R _Y B	221, 200, 149
Decimal	14529429
CIE Lab	75.94, 10.99, 21.07
CIE LCh	76, 23.763, 62.452
Yxy	49.7823, 0.3763, 0.3648
Android (android.graphics.Color)	4292719509 (0xFFDDB395)
YUV	188.1380, -19.2950, 28.8200
Hunter-Lab	70.5566, 6.4702, 19.6964

Details

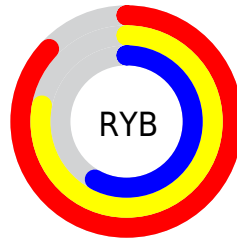
The XYZ color **51.3637, 49.7823, 35.3356** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.0758, 48.8700, 75.5164**, and the grayscale version is **47.9719, 50.4702, 54.9620**.

A 20% lighter version of the original color is **81.7278, 84.9885, 68.5968**, and **25.1825, 23.8029, 14.8224** is the 20% darker color. If you saturate the color by 10%, you get **47.3004, 44.2163, 26.0867**, and if you desaturate by 10%, it is **56.0060, 55.9699, 46.4303**.

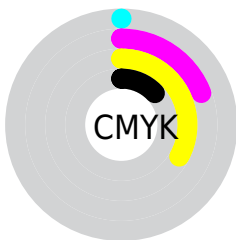
Distribution



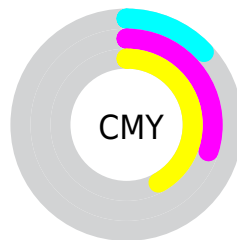
- Red (87%)
- Green (70%)
- Blue (58%)



- Red (87%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (13%)





- Cyan (13%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3637, 49.7823, 35.3356 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 51.3637, 49.7823, 35.3356 by changing the saturation by 10% instead.


 51.3637, 49.7823,
35.3356

 51.3637, 49.7823,
35.3356


382.3396,
385.8140, 340.9963

 36.7204, 35.2405,
23.6359


 91.3720, 89.8522,
69.1628

 25.1637, 23.8482,
14.8540

 117.4676,
116.1491, 92.1274

 16.3285, 15.2210,
8.5715

148.1113,
147.1331, 119.6840

 9.8492, 8.9747,
4.3698

183.6686,
183.1887, 152.2511

 5.3606, 4.7247,
1.8303

224.5047,
224.7001, 190.2474

 2.4973, 2.0866,
0.4479

270.9850,

 0.8939, 0.6571,

272.0519, 234.0913

0.0000

323.4748,
325.6284, 284.2015

■ 0.0000, 0.0000,
0.0000

■ 51.3637, 49.7823,
35.3356

■ 51.3637, 49.7823,
35.3356

■ 47.3004, 44.2163,
26.0867

■ 56.0060, 55.9699,
46.4303

■ 43.7866, 39.2443,
18.5783

■ 61.2471, 62.7918,
59.4620

■ 40.7958, 34.8463,
12.6992

■ 67.1109, 70.2691,
74.5195

■ 38.2974, 30.9987,
8.3237

■ 73.6184, 78.4196,
91.6852

■ 36.2569, 27.6755,
5.3074

■ 80.0563, 86.9671,
107.1746

■ 34.6338, 24.8477,
3.4768

■ 83.6288, 94.1122,
108.3655

■ 33.6544, 23.0434,
2.6740

Harmonies

Analogous

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



54.8693, 49.7823, 42.1473



51.3637, 49.7823, 35.3356



46.9534, 49.7823, 33.3141

Triad

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



51.3637, 49.7823, 35.3356



39.3114, 49.7823, 55.2540



52.0327, 49.7823, 77.4884

Complementary

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



51.3637, 49.7823, 35.3356



44.0758, 48.8700, 75.5164

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.



47.6816, 49.7823, 82.3910



51.3637, 49.7823, 35.3356



40.4909, 49.7823, 68.3662

Square

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



51.3637, 49.7823, 35.3356



40.1636, 49.7823, 43.6931



43.4878, 49.7823, 78.8193



55.2722, 49.7823, 66.2793

Rectangle

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



51.3637, 49.7823, 35.3356



44.1396, 49.7823, 34.6513



43.4878, 49.7823, 78.8193



50.6425, 49.7823, 80.0011

Sweetspot

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



51.3650, 49.7846, 35.3366



86.6502, 89.3399, 87.1727



49.9705, 40.6292, 54.4991



18.3093, 18.8178, 18.0549



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.



51.3650, 49.7846, 35.3366



67.1676, 63.5749, 39.9841



59.5442, 66.1431, 38.0630



13.4996, 13.9386, 13.7045



19.6565, 13.5985, 1.5888



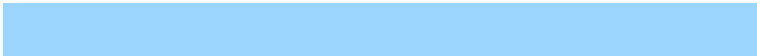
1.3573, 1.0486, 0.1309

Inverse Universe

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



44.0758, 48.8700, 75.5164



55.6077, 62.1118, 103.6657



37.1675, 35.0534, 73.2137



12.9665, 13.8727, 16.6464



12.2487, 12.3669, 41.4799



0.8779, 0.9699, 2.7154

Previews

White Background



This preview shows how the XYZ color 51.3637, 49.7823, 35.3356 looks on a white background.

Color Contrast Check

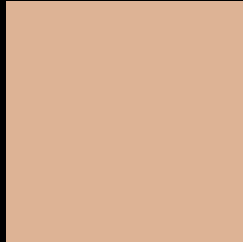
Large Text (above 18pt) WCAG AA × Fail

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 51.3637, 49.7823, 35.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

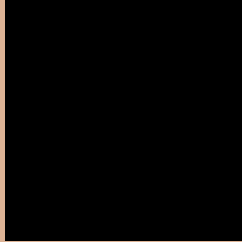
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3637, 49.7823, 35.3356

Background



This preview shows how black text looks on a background with the XYZ color 51.3637, 49.7823, 35.3356.



This preview shows how white text looks on a background with the XYZ color 51.3637, 49.7823,

35.3356.

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

51.3637, 49.7823, 35.3356

Protanopia

46.8088, 49.8463, 37.2912

Deuteranopia

50.9595, 49.8725, 35.3743



Tritanopia

55.1570, 49.8675, 53.7320

Trichromacy



Original Color

51.3637, 49.7823, 35.3356

Protanomaly

48.2616, 49.6698, 36.7493

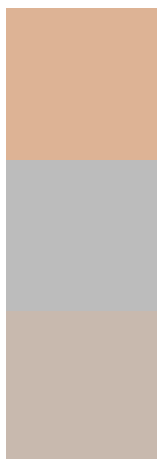
Deuteranomaly

51.2613, 50.0281, 35.3884

Tritanomaly

53.8086, 49.9151, 46.3337

Monochromacy



Original Color

51.3637, 49.7823, 35.3356

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.8084, 50.0333, 47.1293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3637, 49.7823, 35.3356 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(221, 179, 149)` looks like.

```
.text, #text, p{  
    color:rgb(221, 179, 149)  
}
```

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(221, 179, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 179, 149) }
```

Border

The CSS property to change the border of an element to XYZ 51.3637, 49.7823, 35.3356 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(221, 179, 149) }
```


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

```
.border{ border-color:rgb(221, 179, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 179, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 179, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 179, 149);  
box-shadow:4px 4px 4px 4px rgb(221, 179,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3637, 49.7823, 35.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 179, 149) }
```

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

```
.background{ background-color: rgb(221,  
179, 149) }
```

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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