

Converting Colors

XYZ(51.0671, 53.2166, 36.3792)

Have a look what the booklet for
XYZ(51.0671, 53.2166, 36.3792)
contains.

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Color

**XYZ(51.2872, 53.4607,
36.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BF96
RGB	212, 191, 150
RGB Percent	83%, 75%, 59%
CMY	0.1686, 0.2510, 0.4118
CMYK	0.00, 0.10, 0.29, 0.17
HSL	40°, 42%, 71%
HSV	40°, 29%, 83%
XYZ	51.2872, 53.4607, 36.4700
YIQ	192.6050, 25.6770, -8.2990

Conversions

Conversions Part 2

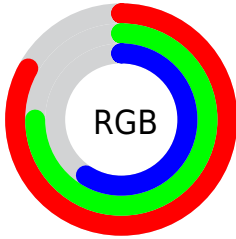
Format	Color
RYB	182, 212, 150
Decimal	13942678
CIELab	78.15, 1.26, 23.43
CIELCh	78, 23.459, 86.924
Yxy	53.4607, 0.3632, 0.3786
Android (android.graphics.Color)	4292132758 (0xFFD4BF96)
YUV	192.6050, -21.0043, 17.0094
Hunter-Lab	73.1168, -2.7471, 21.6085

Details

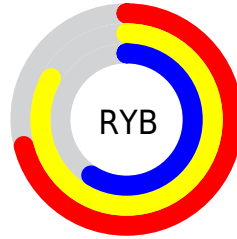
The XYZ color **51.2872, 53.4607, 36.4700** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0239, 40.3621, 68.0213**, and the grayscale version is **50.5667, 53.2001, 57.9349**.

A 20% lighter version of the original color is **85.3998, 92.1412, 70.4107**, and **25.2452, 26.2459, 15.5398** is the 20% darker color. If you saturate the color by 10%, you get **48.2052, 49.7857, 27.7688**, and if you desaturate by 10%, it is **54.7576, 57.4176, 46.8256**.

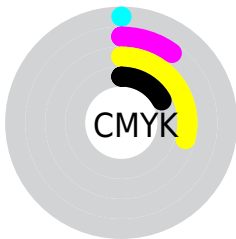
Distribution



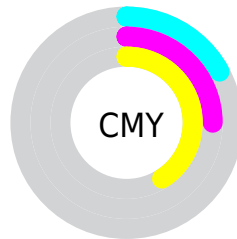
- Red (83%)
- Green (75%)
- Blue (59%)



- Red (71%)
- Yellow (83%)
- Blue (59%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2872, 53.4607, 36.4700 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 51.2872, 53.4607, 36.4700 by changing the saturation by 10% instead.


 51.2872, 53.4607,
36.4700


 51.2872, 53.4607,
36.4700


382.0479,
400.0501, 346.1095

 36.6592, 38.1707,
24.5048


 91.2596, 95.2819,
70.9341

 25.1162, 26.1152,
15.4929


 117.3348,
122.5819, 94.2701

 16.2928, 16.9098,
9.0156

147.9563,
154.6541, 122.2334

 9.8238, 10.1702,
4.6544

183.4897,
191.8827, 155.2427

 5.3436, 5.5120,
1.9908

224.3001,
234.6522, 193.7164

 2.4871, 2.5507,
0.5496

270.7531,

 0.8887, 0.9019,

283.3470, 238.0731

0.0000

323.2139,
338.3515, 288.7313

■ 0.0000, 0.0000,
0.0000

■ 51.2872, 53.4607,
36.4700

■ 51.2872, 53.4607,
36.4700

■ 48.2052, 49.7857,
27.7688

■ 54.7576, 57.4176,
46.8256

■ 45.4896, 46.3765,
20.6305

■ 58.6288, 61.6574,
58.9139

■ 43.1227, 43.2260,
14.9598

■ 62.9175, 66.1904,
72.8119

■ 41.0828, 40.3239,
10.6497

■ 67.6383, 71.0241,
88.5913

■ 39.3458, 37.6584,
7.5781

■ 72.6433, 76.1008,
105.4680

■ 37.8833, 35.2165,
5.6010

■ 74.6469, 80.1080,
106.1358

■ 36.6486, 32.9774,
4.4797

■ 76.7333, 84.2808,
106.8313

■ 36.5602, 32.8147,
4.4069

■ 78.9035, 88.6212,
107.5547

■ 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



55.7755, 53.4607, 39.5193



51.2872, 53.4607, 36.4700



46.9261, 53.4607, 38.4822

Triad

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



51.2872, 53.4607, 36.4700



43.3536, 53.4607, 70.4016



58.5606, 53.4607, 73.0984

Complementary

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



51.2872, 53.4607, 36.4700



39.0239, 40.3621, 68.0213

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.



54.9084, 53.4607, 83.7363



51.2872, 53.4607, 36.4700



46.1535, 53.4607, 82.0221

Square

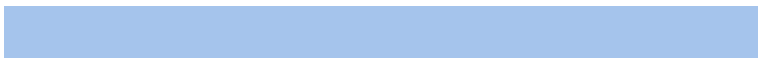
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.2872, 53.4607, 36.4700



42.5113, 53.4607, 56.8656



50.3413, 53.4607, 87.2232



60.1302, 53.4607, 59.5746

Rectangle

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



51.2872, 53.4607, 36.4700



44.6438, 53.4607, 42.6181



50.3413, 53.4607, 87.2232



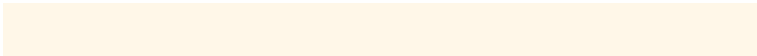
57.5254, 53.4607, 77.2039

Sweetspot

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



51.2886, 53.4631, 36.4711



89.1433, 93.7504, 89.7784



45.4758, 38.7774, 43.9674



18.8866, 19.8576, 18.6008



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.



51.2886, 53.4631, 36.4711



74.9650, 77.7340, 47.0094



53.5957, 61.9436, 37.9864



13.1022, 13.7786, 13.1297



22.6665, 20.4502, 2.7526



1.4423, 1.3838, 0.1911

Inverse Universe

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



39.0239, 40.3621, 68.0213



53.4573, 54.7676, 102.3614



37.1482, 33.9685, 66.8861



12.0829, 12.6892, 15.7499



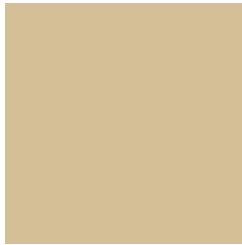
8.8422, 5.9461, 39.1348



0.6088, 0.5097, 2.3856

Previews

White Background



This preview shows how the XYZ color 51.2872, 53.4607, 36.4700 looks on a white background.

Color Contrast Check

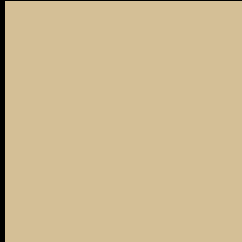
Large Text (above 18pt) WCAG AA × Fail

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 51.2872, 53.4607, 36.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

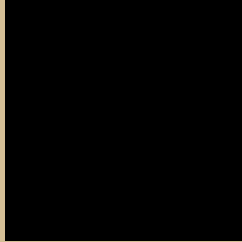
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2872, 53.4607, 36.4700

Background



This preview shows how black text looks on a background with the XYZ color 51.2872, 53.4607, 36.4700.



This preview shows how white text looks on a background with the XYZ color 51.2872, 53.4607,

36.4700.

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

51.2872, 53.4607, 36.4700

Protanopia

50.1095, 53.4961, 36.9629

Deuteranopia

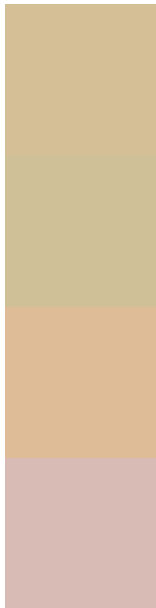
54.5089, 53.5209, 36.7358



Tritanopia

56.3627, 53.3099, 61.3520

Trichromacy



Original Color

51.2872, 53.4607, 36.4700

Protanomaly

50.4480, 53.3435, 36.9156

Deuteranomaly

53.3879, 53.5730, 36.8049

Tritanomaly

54.4297, 53.4758, 51.1692

Monochromacy



Original Color

51.2872, 53.4607, 36.4700

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6049, 53.1530, 49.1874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2872, 53.4607, 36.4700 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(212, 191, 150)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 150)  
}
```

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(212, 191, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 150) }
```

Border

The CSS property to change the border of an element to XYZ 51.2872, 53.4607, 36.4700 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(212, 191, 150) }
```


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

```
.border{ border-color:rgb(212, 191, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 150);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2872, 53.4607, 36.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 150) }
```

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

```
.background{ background-color: rgb(212,  
191, 150) }
```

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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