

Converting Colors

XYZ(51.0054, 51.4170, 32.2984)

Have a look what the booklet for
XYZ(51.0054, 51.4170, 32.2984)
contains.

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Color

**XYZ(51.0701, 51.5264,
32.4532)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB98D
RGB	218, 185, 141
RGB Percent	85%, 73%, 55%
CMY	0.1451, 0.2745, 0.4471
CMYK	0.00, 0.15, 0.35, 0.15
HSL	34°, 51%, 70%
HSV	34°, 35%, 85%
XYZ	51.0701, 51.5264, 32.4532
YIQ	189.8510, 33.7920, -6.6880

Conversions

Conversions Part 2

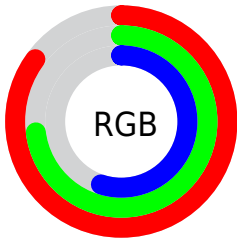
Format	Color
RYB	199, 218, 141
Decimal	14334349
CIELab	77.00, 5.64, 26.74
CIELCh	77, 27.330, 78.094
Yxy	51.5264, 0.3782, 0.3815
Android (android.graphics.Color)	4292524429 (0xFFDAB98D)
YUV	189.8510, -24.0835, 24.6867
Hunter-Lab	71.7819, 1.3777, 23.4418

Details

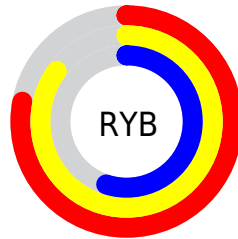
The XYZ color **51.0701, 51.5264, 32.4532** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.7750, 40.9955, 72.1989**, and the grayscale version is **48.9795, 51.5302, 56.1164**.

A 20% lighter version of the original color is **82.5456, 88.1107, 64.2862**, and **24.9970, 24.9221, 13.1658** is the 20% darker color. If you saturate the color by 10%, you get **47.7149, 47.1612, 24.1045**, and if you desaturate by 10%, it is **54.8757, 56.2809, 42.5283**.

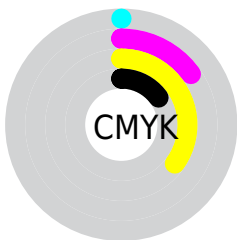
Distribution



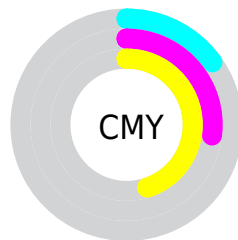
- Red (85%)
- Green (73%)
- Blue (55%)



- Red (78%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (35%)
- Black (15%)



- Cyan (15%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0701, 51.5264, 32.4532 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 51.0701, 51.5264, 32.4532 by changing the saturation by 10% instead.

■ 51.0701, 51.5264,
32.4532

■ 51.0701, 51.5264,
32.4532

381.2193,
392.6055, 327.7347

■ 36.4857, 36.6277,
21.4402

■ 90.9408, 92.4324,
64.6270

■ 24.9814, 24.9194,
13.2518

■ 116.9577,
119.2085, 86.6250

■ 16.1918, 16.0170,
7.4694

■ 147.5162,
150.7126, 113.1216

■ 9.7517, 9.5362,
3.6745

182.9816,
187.3289, 144.5355

■ 5.2956, 5.0925,
1.4485

223.7192,
229.4420, 181.2853

■ 2.4583, 2.3017,
0.1791

270.0945,

■ 0.8743, 0.7746,

277.4362, 223.7893

0.0000

322.4727,
331.6959, 272.4663

■ 0.0000, 0.0000,
0.0000

■ 51.0701, 51.5264,
32.4532

■ 51.0701, 51.5264,
32.4532

■ 47.7149, 47.1612,
24.1045

■ 54.8757, 56.2809,
42.5283

■ 44.7848, 43.1658,
17.3791

■ 59.1473, 61.4292,
54.4184

■ 42.2579, 39.5292,
12.1678

■ 63.9047, 66.9848,
68.2099

■ 40.1081, 36.2368,
8.3461

■ 69.1651, 72.9582,
83.9826

■ 38.3055, 33.2723,
5.7699

■ 74.9449, 79.3595,
101.8118

■ 36.8139, 30.6168,
4.2623

■ 78.4349, 85.0683,
106.8936

■ 36.1946, 29.4678,
3.7802

■ 81.2723, 90.7431,
107.8394

■ 82.7235, 93.6454,
108.3231

Harmonies

Analogous

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



55.9743, 51.5264, 37.3458



51.0701, 51.5264, 32.4532



45.9285, 51.5264, 33.0129

Triad

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



51.0701, 51.5264, 32.4532



40.0561, 51.5264, 65.4939



56.8145, 51.5264, 77.5294

Complementary

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



51.0701, 51.5264, 32.4532



38.7750, 40.9955, 72.1989

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.



52.1519, 51.5264, 88.0310



51.0701, 51.5264, 32.4532



42.5837, 51.5264, 80.2785

Square

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



51.0701, 51.5264, 32.4532



39.8117, 51.5264, 50.3906



46.9366, 51.5264, 89.1179



59.4447, 51.5264, 62.2326

Rectangle

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



51.0701, 51.5264, 32.4532



43.0503, 51.5264, 36.4186



46.9366, 51.5264, 89.1179



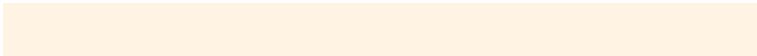
55.4183, 51.5264, 81.8460

Sweetspot

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



51.0714, 51.5288, 32.4543



87.1429, 90.8927, 85.5880



46.1145, 37.0260, 44.9488



18.4565, 19.2253, 17.7554



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.



51.0714, 51.5288, 32.4543



69.4040, 69.0482, 37.6451



57.2812, 66.1922, 34.9573



13.6707, 14.2807, 13.7615



21.7932, 17.8719, 2.3010



1.4968, 1.3276, 0.1774

Inverse Universe

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



38.7750, 40.9955, 72.1989



49.4905, 51.9982, 102.0360



34.0581, 30.2356, 70.3707



12.7952, 13.5301, 16.5893



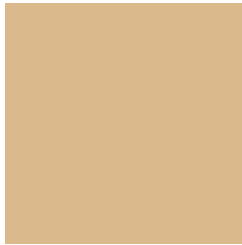
10.0507, 7.9708, 40.7472



0.7355, 0.6852, 2.6679

Previews

White Background



This preview shows how the XYZ color 51.0701, 51.5264, 32.4532 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 51.0701, 51.5264, 32.4532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

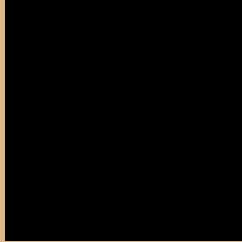
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0701, 51.5264, 32.4532

Background



This preview shows how black text looks on a background with the XYZ color 51.0701, 51.5264, 32.4532.



This preview shows how white text looks on a background with the XYZ color 51.0701, 51.5264,

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

51.0701, 51.5264, 32.4532

Protanopia

48.2732, 51.6475, 33.4113

Deuteranopia

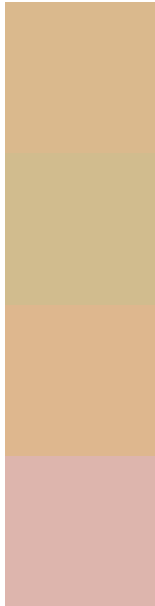
52.6618, 51.4164, 32.7400



Tritanopia

55.8662, 51.3345, 56.8333

Trichromacy



Original Color

51.0701, 51.5264, 32.4532

Protanomaly

49.1602, 51.4747, 32.9358

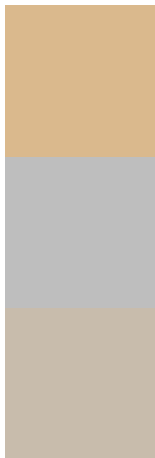
Deuteranomaly

51.9402, 51.3496, 32.7651

Tritanomaly

53.8855, 51.4370, 46.6234

Monochromacy



Original Color

51.0701, 51.5264, 32.4532

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.2490, 51.2244, 46.3213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0701, 51.5264, 32.4532 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(218, 185, 141)` looks like.

```
.text, #text, p{  
    color:rgb(218, 185, 141)  
}
```

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(218, 185, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 185, 141) }
```

Border

The CSS property to change the border of an element to XYZ 51.0701, 51.5264, 32.4532 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(218, 185, 141) }
```


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

```
.border{ border-color:rgb(218, 185, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 185, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 185, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 185, 141);  
box-shadow:4px 4px 4px 4px rgb(218, 185,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0701, 51.5264, 32.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 185, 141) }
```

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

```
.background{ background-color: rgb(218,  
185, 141) }
```

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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