

Converting Colors

XYZ(51.0622, 48.7042, 34.3137)

Have a look what the booklet for
XYZ(51.0622, 48.7042, 34.3137)
contains.

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Color

**XYZ(51.2232, 48.8452,
34.3321)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB093
RGB	223, 176, 147
RGB Percent	87%, 69%, 58%
CMY	0.1255, 0.3098, 0.4235
CMYK	0.00, 0.21, 0.34, 0.13
HSL	23°, 54%, 73%
HSV	23°, 34%, 87%
XYZ	51.2232, 48.8452, 34.3321
YIQ	186.7470, 37.3210, 0.9450

Conversions

Conversions Part 2

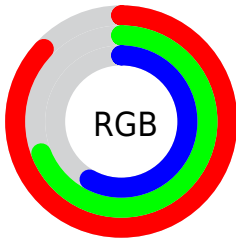
Format	Color
R _Y B	223, 194, 147
Decimal	14659731
CIE Lab	75.35, 13.12, 21.38
CIE LCh	75, 25.087, 58.464
Yxy	48.8452, 0.3811, 0.3634
Android (android.graphics.Color)	4292849811 (0xFFDFB093)
YUV	186.7470, -19.5953, 31.7939
Hunter-Lab	69.8893, 8.5196, 19.7972

Details

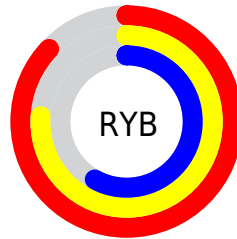
The XYZ color **51.2232, 48.8452, 34.3321** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.6431, 50.1127, 77.1318**, and the grayscale version is **47.1847, 49.6420, 54.0601**.

A 20% lighter version of the original color is **80.6392, 83.1903, 67.0655**, and **24.9202, 23.1174, 14.2150** is the 20% darker color. If you saturate the color by 10%, you get **47.0725, 43.0779, 25.1361**, and if you desaturate by 10%, it is **55.9903, 55.3021, 45.4081**.

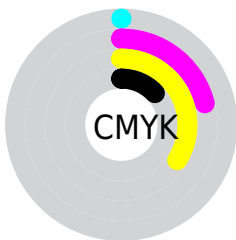
Distribution



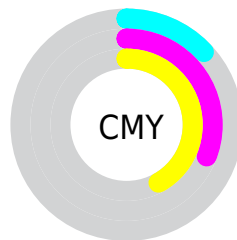
- Red (87%)
- Green (69%)
- Blue (58%)



- Red (87%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2232, 48.8452, 34.3321 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 51.2232, 48.8452, 34.3321 by changing the saturation by 10% instead.


 51.2232, 48.8452,
34.3321


 51.2232, 48.8452,
34.3321


381.8037,
382.1326, 336.4246

 36.6080, 34.4967,
22.8694


 91.1656, 88.4615,
67.5896

 25.0764, 23.2754,
14.2927


 117.2236,
114.4981, 90.2214

 16.2630, 14.7970,
8.1835


147.8266,
145.1995, 117.4135

 9.8025, 8.6771,
4.1231

183.3399,
180.9501, 149.5841

 5.3295, 4.5311,
1.6931

224.1289,
222.1343, 187.1521

 2.4786, 1.9749,
0.3560

270.5590,

 0.8845, 0.5928,

269.1366, 230.5358

0.0000

322.9955,
322.3412, 280.1538

0.0000, 0.0000,
0.0000

51.2232, 48.8452,
34.3321

51.2232, 48.8452,
34.3321

47.0725, 43.0779,
25.1361

55.9903, 55.3021,
45.4081

43.5067, 37.9692,
17.7108

61.3960, 62.4646,
58.4590

40.4966, 33.4956,
11.9400

67.4658, 70.3567,
73.5768

38.0090, 29.6293,
7.6923

74.2227, 78.9991,
90.8469

36.0061, 26.3399,
4.8158

81.1196, 88.1842,
107.3535

■ 34.4434, 23.5936,
3.1263

■ 84.2414, 94.4280,
108.3942

■ 33.6883, 22.2016,
2.5098

Harmonies

Analogous

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



54.6715, 48.8452, 41.9685



51.2232, 48.8452, 34.3321



46.6641, 48.8452, 31.6109

Triad

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



51.2232, 48.8452, 34.3321



38.1088, 48.8452, 52.5060



50.7847, 48.8452, 78.7984

Complementary

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



51.2232, 48.8452, 34.3321



44.6431, 50.1127, 77.1318

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.



46.1885, 48.8452, 82.8464



51.2232, 48.8452, 34.3321



39.0541, 48.8452, 66.2386

Square

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



51.2232, 48.8452, 34.3321



39.2664, 48.8452, 40.9693



41.9379, 48.8452, 77.9166



54.4068, 48.8452, 67.6134

Rectangle

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



51.2232, 48.8452, 34.3321



43.6719, 48.8452, 32.5382



41.9379, 48.8452, 77.9166



49.2933, 48.8452, 81.1130

Sweetspot

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



51.2245, 48.8475, 34.3331



86.3872, 88.8140, 87.0850



50.7309, 40.5021, 56.8531



18.2459, 18.6909, 18.0337



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.



51.2245, 48.8475, 34.3331



65.2708, 60.4555, 37.2734



59.4588, 65.3162, 37.0779



14.1339, 14.5537, 14.3710



19.9093, 13.2564, 1.5094



1.4646, 1.0881, 0.1328

Inverse Universe

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



44.6431, 50.1127, 77.1318



55.0364, 62.3984, 103.7511



37.4320, 35.6904, 74.7281



13.6543, 14.6477, 17.4953



13.2789, 14.0274, 43.0560



1.0061, 1.1436, 3.0130

Previews

White Background



This preview shows how the XYZ color 51.2232, 48.8452, 34.3321 looks on a white background.

Color Contrast Check

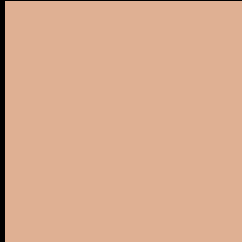
Large Text (above 18pt) WCAG AA × Fail

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 51.2232, 48.8452, 34.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

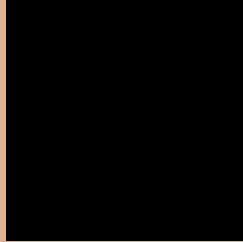
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2232, 48.8452, 34.3321

Background



This preview shows how black text looks on a background with the XYZ color 51.2232, 48.8452, 34.3321.



This preview shows how white text looks on a background with the XYZ color 51.2232, 48.8452,

34.3321.

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

51.2232, 48.8452, 34.3321

Protanopia

45.9608, 48.8026, 36.2756

Deuteranopia

49.8021, 48.6991, 34.3788



Tritanopia

54.8932, 48.9174, 51.8962

Trichromacy



Original Color

51.2232, 48.8452, 34.3321

Protanomaly

47.6866, 48.7797, 35.7562

Deuteranomaly

50.2020, 48.6109, 34.3407

Tritanomaly

53.6583, 48.9962, 45.1572

Monochromacy



Original Color

51.2232, 48.8452, 34.3321

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.1993, 49.1249, 45.9714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2232, 48.8452, 34.3321 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(223, 176, 147)` looks like.

```
.text, #text, p{  
    color:rgb(223, 176, 147)  
}
```

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(223, 176, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 176, 147) }
```

Border

The CSS property to change the border of an element to XYZ 51.2232, 48.8452, 34.3321 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(223, 176, 147) }
```


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

```
.border{ border-color:rgb(223, 176, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 176, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 176, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 176, 147);  
box-shadow:4px 4px 4px 4px rgb(223, 176,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2232, 48.8452, 34.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 176, 147) }
```

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

```
.background{ background-color: rgb(223,  
176, 147) }
```

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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