

Converting Colors

XYZ(50.8848, 50.9986, 23.9914)

Have a look what the booklet for
XYZ(50.8848, 50.9986, 23.9914)
contains.

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Color

**XYZ(50.8848, 50.9986,
23.9914)**

Conversions

Conversions Part 1

Format	Color
Hex	E0B775
RGB	224, 183, 117
RGB Percent	88%, 72%, 46%
CMY	0.1216, 0.2823, 0.5412
CMYK	0.00, 0.18, 0.48, 0.12
HSL	37°, 63%, 67%
HSV	37°, 48%, 88%
XYZ	50.8848, 50.9986, 23.9914
YIQ	187.7350, 45.6220, -11.8340

Conversions

Conversions Part 2

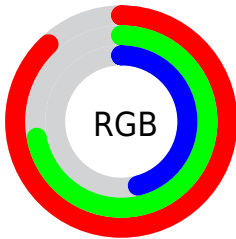
Format	Color
RYB	183, 224, 117
Decimal	14727029
CIELab	76.68, 6.52, 38.99
CIELCh	77, 39.533, 80.508
Yxy	50.9986, 0.4042, 0.4052
Android (android.graphics.Color)	4292917109 (0xFFE0B775)
YUV	187.7350, -34.8724, 31.8044
Hunter-Lab	71.4133, 2.2150, 30.0708

Details

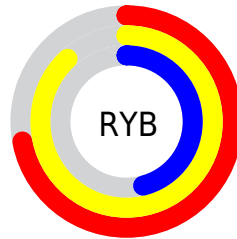
The XYZ color **50.8848, 50.9986, 23.9914** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.0170, 33.6161, 75.2691**, and the grayscale version is **47.8241, 50.3147, 54.7927**.

A 20% lighter version of the original color is **79.3622, 85.8953, 50.4268**, and **24.9321, 24.5860, 8.7417** is the 20% darker color. If you saturate the color by 10%, you get **48.0059, 47.1024, 17.2933**, and if you desaturate by 10%, it is **54.1893, 55.2416, 32.3870**.

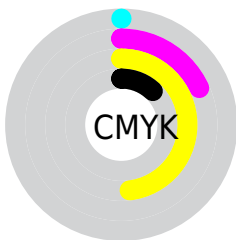
Distribution



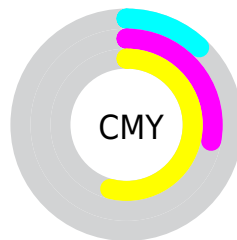
- Red (88%)
- Green (72%)
- Blue (46%)



- Red (72%)
- Yellow (88%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (48%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8848, 50.9986, 23.9914 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 50.8848, 50.9986, 23.9914 by changing the saturation by 10% instead.

50.8848, 50.9986,
23.9914

50.8848, 50.9986,
23.9914

380.5111,
390.5583, 286.0622

36.3376, 36.2075,
15.1151

90.6685, 91.6527,
50.9598

24.8664, 24.5945,
8.7527

116.6357,
118.2845, 69.8890

16.1057, 15.7752,
4.4856

147.1402,
149.6320, 93.0063

9.6903, 9.3652,
1.8954

182.5475,
186.0795, 120.7301

5.2548, 4.9802,
0.4898

223.2229,
228.0115, 153.4791

2.4338, 2.2356,
0.0000

269.5317,

0.8620, 0.7393,

275.8124, 191.6717

0.0000

321.8393,
329.8665, 235.7266

■ 0.0000, 0.0000,
0.0000

■ 50.8848, 50.9986,
23.9914

■ 50.8848, 50.9986,
23.9914

■ 48.0059, 47.1024,
17.2933

■ 54.1893, 55.2416,
32.3870

■ 45.5241, 43.5327,
12.1688

■ 57.9380, 59.8361,
42.5860

■ 43.4128, 40.2777,
8.4816

■ 62.1529, 64.7957,
54.6894

■ 41.6394, 37.3213,
6.0706

■ 66.8532, 70.1309,
68.7896

■ 40.1598, 34.6423,
4.7136

■ 72.0570, 75.8515,
84.9730

■ 39.8546, 34.0757,
4.4767

■ 77.7812, 81.9673,
103.3209

■ 80.8649, 87.2164,
107.1802

■ 83.4948, 92.4760,
108.0568

■ 84.5503, 94.5872,
108.4086

Harmonies

Analogous

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



58.2129, 50.9986, 29.4094



50.8848, 50.9986, 23.9914



43.6038, 50.9986, 25.1808

Triad

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



50.8848, 50.9986, 23.9914



36.2046, 50.9986, 71.2552



60.4479, 50.9986, 86.0802

Complementary

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



50.8848, 50.9986, 23.9914



33.0170, 33.6161, 75.2691

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.



53.6911, 50.9986, 103.7669



50.8848, 50.9986, 23.9914



39.8844, 50.9986, 93.7931

Square

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



50.8848, 50.9986, 23.9914



35.6192, 50.9986, 49.0056



46.1379, 50.9986, 106.9046



64.0969, 50.9986, 62.6066

Rectangle

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



50.8848, 50.9986, 23.9914



39.7131, 50.9986, 29.7179



46.1379, 50.9986, 106.9046



58.4339, 50.9986, 93.1286

Sweetspot

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



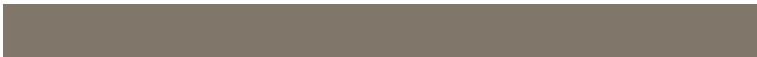
50.8860, 51.0010, 23.9924



85.6165, 89.4919, 79.9863



43.2749, 31.0395, 36.0661



18.0396, 18.8278, 16.2713



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.



50.8860, 51.0010, 23.9924



64.5308, 63.3690, 23.4824



56.8788, 68.5208, 27.0582



14.4077, 15.1014, 14.4623



23.3127, 20.0634, 2.6439



1.7017, 1.5622, 0.2119

Inverse Universe

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



33.0170, 33.6161, 75.2691



37.9530, 37.5448, 99.8543



28.9431, 22.8100, 73.3980



13.3804, 14.0999, 17.4040



9.8632, 7.1960, 41.9175



0.7684, 0.6682, 2.9337

Previews

White Background



This preview shows how the XYZ color 50.8848, 50.9986, 23.9914 looks on a white background.

Color Contrast Check

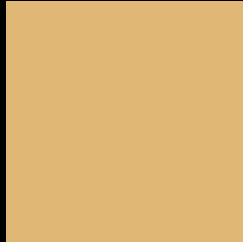
Large Text (above 18pt) WCAG AA × Fail

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 50.8848, 50.9986, 23.9914 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 50.8848, 50.9986, 23.9914

Background



This preview shows how black text looks on a background with the XYZ color 50.8848, 50.9986, 23.9914.



This preview shows how white text looks on a background with the XYZ color 50.8848, 50.9986,

23.9914.

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

50.8848, 50.9986, 23.9914

Protanopia

46.9810, 50.8489, 24.7914

Deuteranopia

52.0479, 50.9901, 23.9285



Tritanopia

57.1681, 50.8919, 54.3870

Trichromacy



Original Color

50.8848, 50.9986, 23.9914

Protanomaly

48.4809, 50.9948, 24.4273

Deuteranomaly

51.6174, 51.0711, 23.9668

Tritanomaly

54.2386, 50.5469, 41.0803

Monochromacy



Original Color

50.8848, 50.9986, 23.9914

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1679, 50.1440, 41.3224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8848, 50.9986, 23.9914 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(224, 183, 117)` looks like.

```
.text, #text, p{  
    color:rgb(224, 183, 117)  
}
```

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(224, 183, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 183, 117) }
```

Border

The CSS property to change the border of an element to XYZ 50.8848, 50.9986, 23.9914 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(224, 183, 117) }
```


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

```
.border{ border-color:rgb(224, 183, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 183, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 183, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 183, 117);  
box-shadow:4px 4px 4px 4px rgb(224, 183,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8848, 50.9986, 23.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 183, 117) }
```

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

```
.background{ background-color: rgb(224,  
183, 117) }
```

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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