

Converting Colors

XYZ(50.8638, 51.5319, 27.3612)

Have a look what the booklet for
XYZ(50.8638, 51.5319, 27.3612)
contains.

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Color

**XYZ(50.9985, 51.6024,
27.3510)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DDB97F |
| RGB | 221, 185, 127 |
| RGB Percent | 87%, 73%, 50% |
| CMY | 0.1333, 0.2745, 0.5020 |
| CMYK | 0.00, 0.16, 0.43, 0.13 |
| HSL | 37°, 58%, 68% |
| HSV | 37°, 43%, 87% |
| XYZ | 50.9985, 51.6024, 27.3510 |
| YIQ | 189.1520, 40.0740, -10.4060 |

Conversions

Conversions Part 2

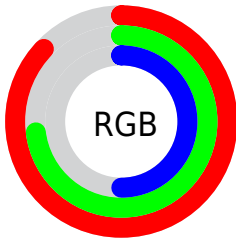
| Format | Color |
|-------------------------------------|--|
| RYB | 185, 221, 127 |
| Decimal | 14530943 |
| CIELab | 77.04, 5.25, 34.23 |
| CIELCh | 77, 34.626, 81.277 |
| Yxy | 51.6024, 0.3924, 0.3971 |
| Android (android.graphics.Color) | 4292721023 (0xFFDDB97F) |
| YUV | 189.1520, -30.6409, 27.9307 |
| Hunter-Lab | 71.8348, 1.0136, 27.7098 |

Details

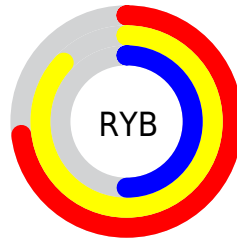
The XYZ color **50.9985, 51.6024, 27.3510** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.9002, 35.9255, 73.5013**, and the grayscale version is **48.6117, 51.1433, 55.6951**.

A 20% lighter version of the original color is **80.9335, 87.4659, 55.7970**, and **24.9007, 24.9309, 10.5209** is the 20% darker color. If you saturate the color by 10%, you get **47.9955, 47.6542, 20.0067**, and if you desaturate by 10%, it is **54.4253, 55.8927, 36.3962**.

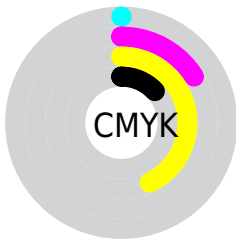
Distribution



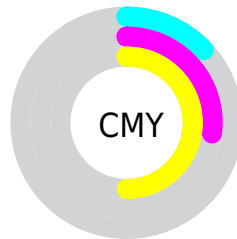
- Red (87%)
- Green (73%)
- Blue (50%)



- Red (73%)
- Yellow (87%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.9985, 51.6024, 27.3510 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 50.9985, 51.6024, 27.3510 by changing the saturation by 10% instead.

50.9985, 51.6024,
27.3510

50.9985, 51.6024,
27.3510

380.9457,
392.8997, 303.1664

36.4285, 36.6883,
17.6022

90.8356, 92.5446,
56.4572

24.9369, 24.9662,
10.4983

116.8333,
119.3414, 76.6517

16.1585, 16.0519,
5.6207

147.3709,
150.8680, 101.1651

9.7280, 9.5609,
2.5508

182.8139,
187.5086, 130.4162

5.2798, 5.1088,
0.8669

223.5275,
229.6477, 164.8233

2.4488, 2.3112,
0.0000

269.8771,

0.8695, 0.7796,

277.6696, 204.8050

0.0000

322.2280,
331.9588, 250.7798

■ 0.0000, 0.0000,
0.0000

■ 50.9985, 51.6024,
27.3510

■ 50.9985, 51.6024,
27.3510

■ 47.9955, 47.6542,
20.0067

■ 54.4253, 55.8927,
36.3962

■ 45.3899, 44.0286,
14.2496

■ 58.2930, 60.5288,
47.2398

■ 43.1577, 40.7152,
9.9571


■ 62.6219, 65.5236,
59.9755

■ 41.2700, 37.6993,
6.9866


■ 67.4302, 70.8871,
74.6896


■ 39.6925, 34.9639,
5.1668

■ 72.7345, 76.6286,
91.4629

 38.6756, 33.0860,
4.3478

 77.8012, 82.4571,
106.4230

 80.2928, 87.4403,
107.2535

 82.9014, 92.6575,
108.1231

 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



57.4305, 51.6024, 32.3127



50.9985, 51.6024, 27.3510



44.5795, 51.6024, 28.6451

Triad

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



50.9985, 51.6024, 27.3510



38.1355, 51.6024, 70.4499



59.6405, 51.6024, 82.1572

Complementary

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



50.9985, 51.6024, 27.3510



34.9002, 35.9255, 73.5013

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.



53.8024, 51.6024, 97.3655



50.9985, 51.6024, 27.3510



41.5210, 51.6024, 89.6199

Square

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



50.9985, 51.6024, 27.3510



37.5307, 51.6024, 50.8472



47.1450, 51.6024, 100.3666



62.7056, 51.6024, 61.8866

Rectangle

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



50.9985, 51.6024, 27.3510



41.1341, 51.6024, 33.0390



47.1450, 51.6024, 100.3666



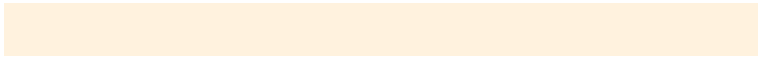
57.9137, 51.6024, 88.2044

Sweetspot

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



50.9998, 51.6048, 27.3520



86.2480, 90.2125, 81.8689



44.0223, 33.1969, 38.7539



18.1652, 18.9723, 16.6421



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.



50.9998, 51.6048, 27.3520



66.8179, 66.4982, 28.6991



56.2751, 66.9516, 30.0362



13.7217, 14.3828, 13.7785



22.5800, 19.4456, 2.5633



1.5452, 1.4245, 0.1935

Inverse Universe

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



34.9002, 35.9255, 73.5013



41.7813, 42.1386, 100.5392



31.1167, 25.8002, 71.7463



12.7454, 13.4305, 16.5727



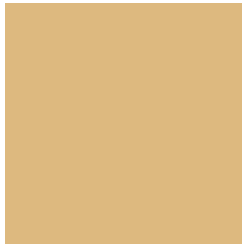
9.5532, 6.9758, 40.5814



0.7007, 0.6155, 2.6563

Previews

White Background



This preview shows how the XYZ color 50.9985, 51.6024, 27.3510 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 50.9985, 51.6024, 27.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

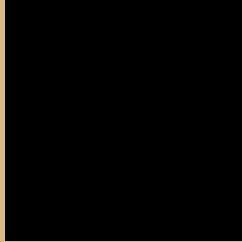
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9985, 51.6024, 27.3510

Background



This preview shows how black text looks on a background with the XYZ color 50.9985, 51.6024, 27.3510.



This preview shows how white text looks on a background with the XYZ color 50.9985, 51.6024,

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

50.9985, 51.6024, 27.3510

Protanopia

47.8295, 51.5337, 28.1950

Deuteranopia

52.6191, 51.5084, 27.5909



Tritanopia

56.8047, 51.5368, 56.2439

Trichromacy



Original Color

50.9985, 51.6024, 27.3510

Protanomaly

48.7435, 51.3738, 27.7692

Deuteranomaly

51.8811, 51.4330, 27.6152

Tritanomaly

54.4405, 51.4772, 44.1126

Monochromacy



Original Color

50.9985, 51.6024, 27.3510

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.9535, 51.1371, 43.3667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9985, 51.6024, 27.3510 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, 185, 127)` looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 127)  
}
```

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, 185, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 127) }
```

Border

The CSS property to change the border of an element to XYZ 50.9985, 51.6024, 27.3510 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, 185, 127) }
```


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

```
.border{ border-color:rgb(221, 185, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 185, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 185, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 185, 127);  
box-shadow:4px 4px 4px 4px rgb(221, 185,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9985, 51.6024, 27.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 127) }
```

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

```
.background{ background-color: rgb(221,  
185, 127) }
```

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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