

Converting Colors

XYZ(47.4050, 49.9196, 27.7440)

Have a look what the booklet for
XYZ(47.4050, 49.9196, 27.7440)
contains.

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Color

**XYZ(47.5338, 50.1127,
27.9363)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BA81
RGB	208, 186, 129
RGB Percent	82%, 73%, 51%
CMY	0.1843, 0.2706, 0.4941
CMYK	0.00, 0.11, 0.38, 0.18
HSL	43°, 46%, 66%
HSV	43°, 38%, 82%
XYZ	47.5338, 50.1127, 27.9363
YIQ	186.0800, 31.4090, -13.0630

Conversions

Conversions Part 2

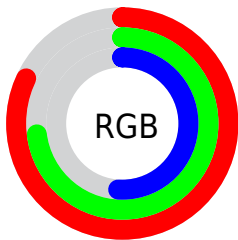
Format	Color
R_{YB}	159, 208, 129
Decimal	13679233
CIE Lab	76.14, -0.27, 31.77
CIE LCh	76, 31.774, 90.486
Yxy	50.1127, 0.3785, 0.3990
Android (android.graphics.Color)	4291869313 (0xFFD0BA81)
YUV	186.0800, -28.1404, 19.2238
Hunter-Lab	70.7903, -4.0251, 26.1554

Details

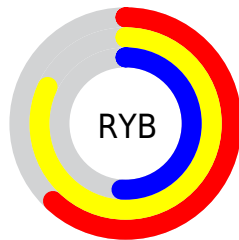
The XYZ color **47.5338, 50.1127, 27.9363** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.5048, 31.3534, 64.0659**, and the grayscale version is **46.8585, 49.2987, 53.6863**.

A 20% lighter version of the original color is **81.4356, 88.1417, 56.9769**, and **22.7477, 24.0150, 10.8336** is the 20% darker color. If you saturate the color by 10%, you get **45.0945, 47.2260, 20.9825**, and if you desaturate by 10%, it is **50.3065, 53.2155, 36.3908**.

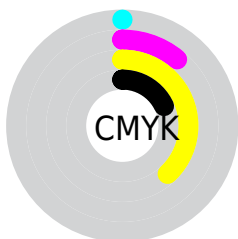
Distribution



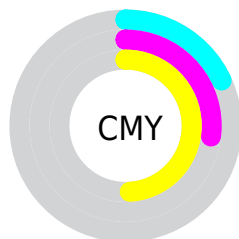
- Red (82%)
- Green (73%)
- Blue (51%)



- Red (62%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5338, 50.1127, 27.9363 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 47.5338, 50.1127, 27.9363 by changing the saturation by 10% instead.

■ 47.5338, 50.1127,
27.9363

■ 47.5338, 50.1127,
27.9363

367.5547,
387.1065, 306.0648

■ 33.6676, 35.5030,
18.0390

■ 85.7238, 90.3418,
57.4046

■ 22.8000, 24.0506,
10.8083

■ 110.7782,
116.7300, 77.8127

■ 14.5658, 15.3711,
5.8255

■ 140.2928,
147.8131, 102.5615

■ 8.5995, 9.0803,
2.6722

174.6328,
183.9756, 132.0695

■ 4.5359, 4.7936,
0.9294

214.1636,
225.6017, 166.7553

■ 2.0096, 2.1267,
0.0000

259.2507,

■ 0.6393, 0.6796,

273.0760, 207.0374

0.0000

310.2592,
326.7828, 253.3344

■ 0.0000, 0.0000,
0.0000

■ 47.5338, 50.1127,
27.9363

■ 47.5338, 50.1127,
27.9363

■ 45.0945, 47.2260,
20.9825

■ 50.3065, 53.2155,
36.3908

■ 42.9671, 44.5405,
15.4357

■ 53.4252, 56.5349,
46.4259

■ 41.1332, 42.0496,
11.1962

■ 56.9062, 60.0802,
58.1198

■ 39.5706, 39.7435,
8.1500

■ 60.7638, 63.8579,
71.5442

■ 38.2533, 37.6109,
6.1633

■ 65.0112, 67.8743,
86.7668

■ 37.1437, 35.6357,
5.0413

■ 69.6612, 72.1351,
103.8516

■ 36.9329, 35.2509,
4.8575

■ 71.4068, 75.3186,
105.3821

■ 73.0133, 78.5316,
105.9176

■ 74.6736, 81.8521,
106.4711

Harmonies

Analogous

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



53.4874, 50.1127, 30.7438



47.5338, 50.1127, 27.9363



42.0631, 50.1127, 30.9335

Triad

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



47.5338, 50.1127, 27.9363



38.4426, 50.1127, 72.9167



58.2879, 50.1127, 72.3351

Complementary

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



47.5338, 50.1127, 27.9363



31.5048, 31.3534, 64.0659

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.



53.6689, 50.1127, 87.9212



47.5338, 50.1127, 27.9363



42.2178, 50.1127, 88.3031

Square

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



47.5338, 50.1127, 27.9363



37.0891, 50.1127, 54.8421



47.7276, 50.1127, 94.2883



60.0012, 50.1127, 54.2872

Rectangle

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



47.5338, 50.1127, 27.9363



39.3443, 50.1127, 36.2709



47.7276, 50.1127, 94.2883



57.0056, 50.1127, 78.1597

Sweetspot

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



47.5351, 50.1150, 27.9373



88.4172, 93.4413, 86.0128



39.4802, 31.3578, 33.4141



18.7609, 19.8340, 17.8568



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.



47.5351, 50.1150, 27.9373



72.0178, 75.5104, 34.7102



47.9751, 57.7581, 29.3894



12.5136, 13.2179, 12.5038



23.1036, 22.1402, 3.0558



1.3567, 1.3678, 0.1925

Inverse Universe

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



31.5048, 31.3534, 64.0659



42.9237, 41.4818, 100.3522



31.1108, 26.3769, 63.1261



11.4278, 11.9459, 14.9471



8.1067, 4.8600, 37.7033



0.5206, 0.4064, 2.1306

Previews

White Background



This preview shows how the XYZ color 47.5338, 50.1127, 27.9363 looks on a white background.

Color Contrast Check

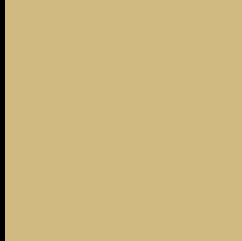
Large Text (above 18pt) WCAG AA × Fail

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 47.5338, 50.1127, 27.9363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

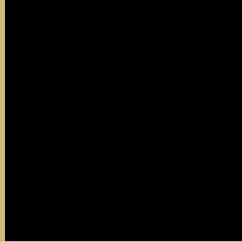
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5338, 50.1127, 27.9363

Background



This preview shows how black text looks on a background with the XYZ color 47.5338, 50.1127, 27.9363.



This preview shows how white text looks on a background with the XYZ color 47.5338, 50.1127,

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

47.5338, 50.1127, 27.9363

Protanopia

46.6411, 50.2747, 28.3648

Deuteranopia

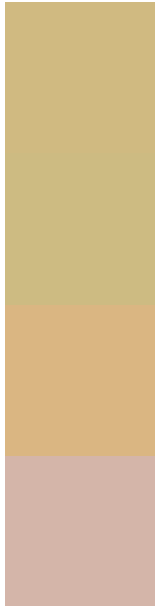
51.0910, 50.1015, 28.0969



Tritanopia

53.4592, 50.0936, 56.7206

Trichromacy



Original Color

47.5338, 50.1127, 27.9363

Protanomaly

46.9764, 50.1315, 28.3195

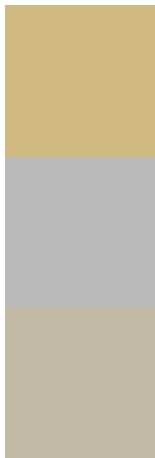
Deuteranomaly

49.6707, 49.9730, 28.1469

Tritanomaly

50.8367, 49.9094, 44.4902

Monochromacy



Original Color

47.5338, 50.1127, 27.9363

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.5986, 49.3038, 42.6579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5338, 50.1127, 27.9363 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(208, 186, 129) looks like.

```
.text, #text, p{  
    color:rgb(208, 186, 129)  
}
```

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(208, 186, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 186, 129) }
```

Border

The CSS property to change the border of an element to XYZ 47.5338, 50.1127, 27.9363 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(208, 186, 129) }
```


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

```
.border{ border-color:rgb(208, 186, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 186, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 186, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 186, 129);  
box-shadow:4px 4px 4px 4px rgb(208, 186,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5338, 50.1127, 27.9363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 186, 129) }
```

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

```
.background{ background-color: rgb(208,  
186, 129) }
```

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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