

Converting Colors

XYZ(49.1645, 47.0554, 27.9641)

Have a look what the booklet for
XYZ(49.1645, 47.0554, 27.9641)
contains.

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Color

**XYZ(49.1645, 47.0554,
27.9641)**

Conversions

Conversions Part 1

Format	Color
Hex	DEAD83
RGB	222, 173, 131
RGB Percent	87%, 68%, 51%
CMY	0.1294, 0.3215, 0.4863
CMYK	0.00, 0.22, 0.41, 0.13
HSL	28°, 58%, 69%
HSV	28°, 41%, 87%
XYZ	49.1645, 47.0554, 27.9641
YIQ	182.8630, 42.6860, -2.6740

Conversions

Conversions Part 2

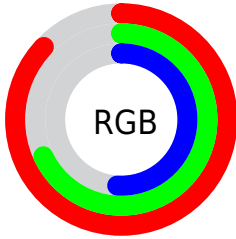
Format	Color
RYB	222, 209, 131
Decimal	14593411
CIELab	74.23, 12.46, 28.43
CIELCh	74, 31.044, 66.327
Yxy	47.0554, 0.3959, 0.3789
Android (android.graphics.Color)	4292783491 (0xFFDEAD83)
YUV	182.8630, -25.5685, 34.3231
Hunter-Lab	68.5969, 7.8891, 23.8478

Details

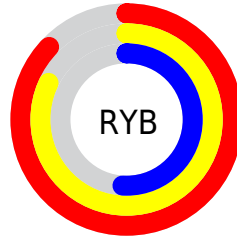
The XYZ color **49.1645, 47.0554, 27.9641** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.8656, 42.7402, 75.3084**, and the grayscale version is **45.0550, 47.4013, 51.6200**.

A 20% lighter version of the original color is **77.6351, 80.2075, 56.7372**, and **23.8396, 22.2682, 10.8263** is the 20% darker color. If you saturate the color by 10%, you get **45.6280, 42.1377, 20.1406**, and if you desaturate by 10%, it is **53.2309, 52.5167, 37.5556**.

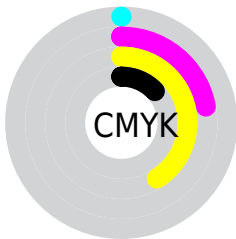
Distribution



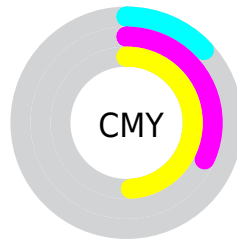
- Red (87%)
- Green (68%)
- Blue (51%)



- Red (87%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (13%)





- Cyan (13%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1645, 47.0554, 27.9641 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 49.1645, 47.0554, 27.9641 by changing the saturation by 10% instead.


 49.1645, 47.0554,
27.9641


 49.1645, 47.0554,
27.9641


373.8958,
375.0356, 306.2019


 34.9651, 33.0795,
18.0598


 88.1350, 85.7963,
57.4495

 23.8024, 22.1873,
10.8230


 113.6367,
111.3301, 77.8677

 15.3110, 13.9946,
5.8353

 143.6366,
141.4852, 102.6277

 9.1257, 8.1169,
2.6780

178.5000,
176.6461, 132.1478

 4.8810, 4.1698,
0.9323

218.5923,
217.1973, 166.8468

 2.2117, 1.7690,
0.0000

264.2788,

 0.7489, 0.4678,

263.5229, 207.1431

0.0000

315.9248,
316.0076, 253.4553

■ 0.0000, 0.0000,
0.0000

■ 49.1645, 47.0554,
27.9641

■ 49.1645, 47.0554,
27.9641

■ 45.6280, 42.1377,
20.1406

■ 53.2309, 52.5167,
37.5556

■ 42.5916, 37.7379,
13.9711

■ 57.8476, 58.5326,
49.0136

■ 40.0277, 33.8377,
9.3323


■ 63.0383, 65.1225,
62.4329


■ 37.9040, 30.4148,
6.0824


■ 68.8242, 72.3024,
77.9008

■ 36.1827, 27.4445,
4.0522

■ 75.2250, 80.0876,
95.4994

 34.9222, 25.1256,
3.0091

 80.7424, 87.8861,
107.3159

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



53.9205, 47.0554, 35.1277



49.1645, 47.0554, 27.9641



43.5548, 47.0554, 26.3953

Triad

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



49.1645, 47.0554, 27.9641



34.9017, 47.0554, 54.6906



51.3744, 47.0554, 80.1341

Complementary

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



49.1645, 47.0554, 27.9641



38.8656, 42.7402, 75.3084

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.



45.9155, 47.0554, 88.1696



49.1645, 47.0554, 27.9641



36.6389, 47.0554, 71.6394

Square

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



49.1645, 47.0554, 27.9641



35.6151, 47.0554, 39.8797



40.5607, 47.0554, 84.7757



55.2686, 47.0554, 64.5647

Rectangle

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



49.1645, 47.0554, 27.9641



40.1409, 47.0554, 28.3670



40.5607, 47.0554, 84.7757



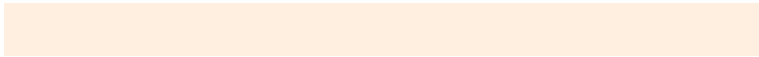
49.6450, 47.0554, 83.9385

Sweetspot

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



49.1657, 47.0576, 27.9650



85.4764, 88.1186, 83.3093



46.5864, 35.1009, 48.0631



18.0879, 18.5995, 17.2889



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.



49.1657, 47.0576, 27.9650



63.1973, 58.7225, 29.1404



59.1500, 67.0263, 31.2932



14.2260, 14.7380, 14.4017



20.8518, 15.1414, 1.8236



1.5342, 1.2272, 0.1560

Inverse Universe

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



38.8656, 42.7402, 75.3084



47.3035, 52.0497, 102.1612



31.2863, 27.5816, 72.7820



13.5603, 14.4596, 17.4640



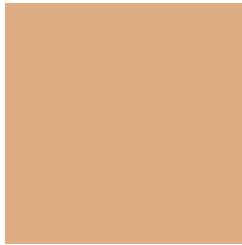
11.8997, 11.2690, 42.5963



0.9141, 0.9597, 2.9823

Previews

White Background



This preview shows how the XYZ color 49.1645, 47.0554, 27.9641 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 49.1645, 47.0554, 27.9641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

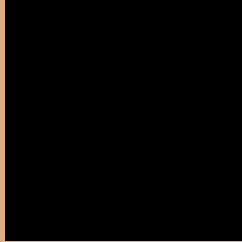
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1645, 47.0554, 27.9641

Background



This preview shows how black text looks on a background with the XYZ color 49.1645, 47.0554, 27.9641.



This preview shows how white text looks on a background with the XYZ color 49.1645, 47.0554,

27.9641.

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

49.1645, 47.0554, 27.9641

Protanopia

44.0716, 47.3520, 29.7387

Deuteranopia

48.0420, 47.0504, 28.0223



Tritanopia

53.6340, 47.2230, 48.9360

Trichromacy



Original Color

49.1645, 47.0554, 27.9641

Protanomaly

45.6000, 46.9406, 29.2113

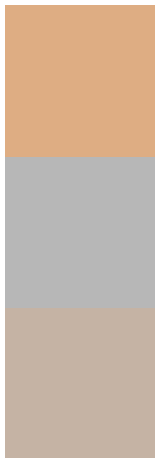
Deuteranomaly

48.4462, 46.9709, 27.9856

Tritanomaly

51.7609, 46.9921, 40.5247

Monochromacy



Original Color

49.1645, 47.0554, 27.9641

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.8469, 46.7909, 41.7371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1645, 47.0554, 27.9641 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(222, 173, 131)` looks like.

```
.text, #text, p{  
    color:rgb(222, 173, 131)  
}
```

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(222, 173, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 173, 131) }
```

Border

The CSS property to change the border of an element to XYZ 49.1645, 47.0554, 27.9641 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(222, 173, 131) }
```


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

```
.border{ border-color:rgb(222, 173, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 173, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 173, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 173, 131);  
box-shadow:4px 4px 4px 4px rgb(222, 173,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1645, 47.0554, 27.9641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 173, 131) }
```

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

```
.background{ background-color: rgb(222,  
173, 131) }
```

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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