

Converting Colors

XYZ(49.1275, 49.4639, 24.7275)

Have a look what the booklet for
XYZ(49.1275, 49.4639, 24.7275)
contains.

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Color

**XYZ(49.1275, 49.4639,
24.7275)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DBB578 |
| RGB | 219, 181, 120 |
| RGB Percent | 86%, 71%, 47% |
| CMY | 0.1412, 0.2902, 0.5294 |
| CMYK | 0.00, 0.17, 0.45, 0.14 |
| HSL | 37°, 58%, 66% |
| HSV | 37°, 45%, 86% |
| XYZ | 49.1275, 49.4639, 24.7275 |
| YIQ | 185.4080, 42.2290, -10.9150 |

Conversions

Conversions Part 2

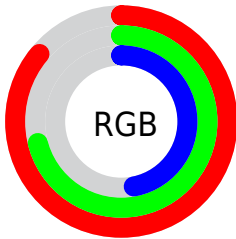
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 182, 219, 120 |
| Decimal | 14398840 |
| CIE _{Lab} | 75.74, 5.84, 36.15 |
| CIE _{LCh} | 76, 36.618, 80.825 |
| Yxy | 49.4639, 0.3984, 0.4011 |
| Android (android.graphics.Color) | 4292588920 (0xFFDDBB578) |
| YUV | 185.4080, -32.2461, 29.4602 |
| Hunter-Lab | 70.3306, 1.6078, 28.3857 |

Details

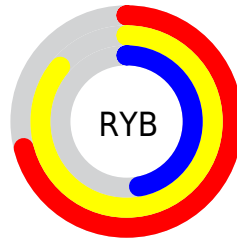
The XYZ color **49.1275, 49.4639, 24.7275** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.7584, 33.5601, 71.7690**, and the grayscale version is **46.5001, 48.9217, 53.2758**.

A 20% lighter version of the original color is **79.0670, 84.8455, 51.7447**, and **23.7250, 23.5619, 9.0918** is the 20% darker color. If you saturate the color by 10%, you get **46.2899, 45.6781, 17.9575**, and if you desaturate by 10%, it is **52.3746, 53.5822, 33.1346**.

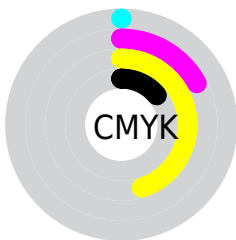
Distribution



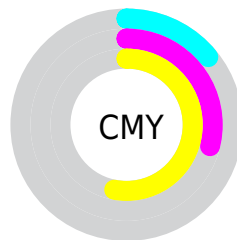
- Red (86%)
- Green (71%)
- Blue (47%)



- Red (71%)
- Yellow (86%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (45%)
- Black (14%)



- Cyan (14%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1275, 49.4639, 24.7275 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 49.1275, 49.4639, 24.7275 by changing the saturation by 10% instead.

■ 49.1275, 49.4639,
24.7275

■ 49.1275, 49.4639,
24.7275

373.7527,
384.5657, 289.8822

■ 34.9356, 34.9876,
15.6570

■ 88.0804, 89.3801,
52.1734

■ 23.7795, 23.6533,
9.1300

■ 113.5720,
115.5887, 71.3859

■ 15.2940, 15.0767,
4.7281

■ 143.5610,
146.4770, 94.8161

■ 9.1136, 8.8732,
2.0327

178.4126,
182.4292, 122.8826

■ 4.8731, 4.6586,
0.5753

218.4922,
223.8298, 156.0040

■ 2.2070, 2.0484,
0.0000

264.1652,

■ 0.7464, 0.6353,

271.0631, 194.5987

0.0000

315.7969,
324.5137, 239.0852

■ 0.0000, 0.0000,
0.0000

■ 49.1275, 49.4639,
24.7275

■ 49.1275, 49.4639,
24.7275

■ 46.2899, 45.6781,
17.9575

■ 52.3746, 53.5822,
33.1346

■ 43.8355, 42.2057,
12.7105

■ 56.0483, 58.0372,
43.2765

■ 41.7398, 39.0360,
8.8621


■ 60.1691, 62.8415,
55.2468


■ 39.9734, 36.1542,
6.2669

■ 64.7548, 68.0049,
69.1314

■ 38.5008, 33.5428,
4.7469


■ 69.8223, 73.5369,
85.0107

 37.8705, 32.3742,
4.2528

 75.3874, 79.4464,
102.9607

 78.3765, 84.5063,
106.7882

 80.9063, 89.5658,
107.6315

 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



55.7565, 49.4639, 29.7533



49.1275, 49.4639, 24.7275



42.5219, 49.4639, 25.9155

Triad

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



49.1275, 49.4639, 24.7275



35.8324, 49.4639, 68.2802



57.8832, 49.4639, 81.1106

Complementary

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



49.1275, 49.4639, 24.7275



32.7584, 33.5601, 71.7690

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.



51.8118, 49.4639, 96.9304



49.1275, 49.4639, 24.7275



39.2367, 49.4639, 88.3704

Square

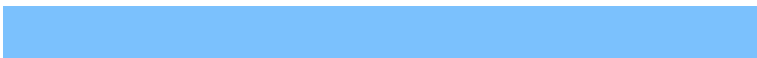
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.1275, 49.4639, 24.7275



35.2630, 49.4639, 48.1107



44.9619, 49.4639, 99.8669



61.1224, 49.4639, 60.0452

Rectangle

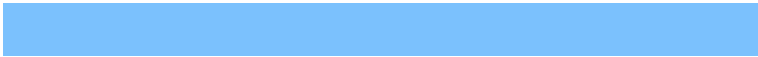
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.1275, 49.4639, 24.7275



38.9819, 49.4639, 30.2217



44.9619, 49.4639, 99.8669



56.0798, 49.4639, 87.4111

Sweetspot

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



49.1287, 49.4662, 24.7285



85.6095, 89.4779, 79.9839



42.2404, 31.0176, 36.8357



18.0379, 18.8244, 16.2708



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.



49.1287, 49.4662, 24.7285



65.6249, 64.8640, 25.9835



55.0446, 65.5890, 27.5287



13.7207, 14.3808, 13.7782



22.5644, 19.4143, 2.5581



1.5442, 1.4226, 0.1932

Inverse Universe

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



32.7584, 33.5601, 71.7690



39.8289, 39.8276, 100.1960



28.6937, 23.2859, 70.0001



12.7463, 13.4324, 16.5730



9.5620, 6.9935, 40.5843



0.7013, 0.6167, 2.6565

Previews

White Background



This preview shows how the XYZ color 49.1275, 49.4639, 24.7275 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 49.1275, 49.4639, 24.7275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

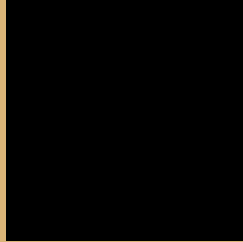
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1275, 49.4639, 24.7275

Background



This preview shows how black text looks on a background with the XYZ color 49.1275, 49.4639, 24.7275.



This preview shows how white text looks on a background with the XYZ color 49.1275, 49.4639,

24.7275.

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

49.1275, 49.4639, 24.7275

Protanopia

45.9118, 49.6423, 25.5745

Deuteranopia

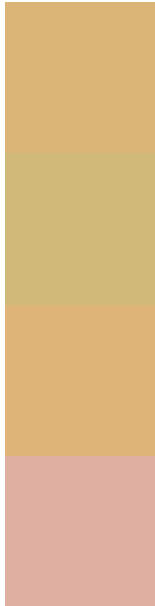
50.6226, 49.6282, 25.0003



Tritanopia

54.8578, 49.4399, 53.1059

Trichromacy



Original Color

49.1275, 49.4639, 24.7275

Protanomaly

47.0946, 49.6337, 25.1873

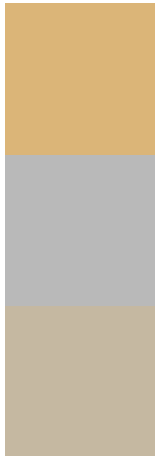
Deuteranomaly

50.2039, 49.7110, 25.0383

Tritanomaly

52.4783, 49.3473, 40.9415

Monochromacy



Original Color

49.1275, 49.4639, 24.7275

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.5995, 48.7245, 40.6669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1275, 49.4639, 24.7275 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(219, 181, 120)` looks like.

```
.text, #text, p{  
    color:rgb(219, 181, 120)  
}
```

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(219, 181, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 181, 120) }
```

Border

The CSS property to change the border of an element to XYZ 49.1275, 49.4639, 24.7275 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(219, 181, 120) }
```


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

```
.border{ border-color:rgb(219, 181, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 181, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 181, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 181, 120); box-shadow:4px 4px 4px 4px rgb(219, 181, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1275, 49.4639, 24.7275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 181, 120) }
```

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

```
.background{ background-color: rgb(219,  
181, 120) }
```

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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