

Converting Colors

XYZ(51.2722, 49.9766, 42.2856)

Have a look what the booklet for
XYZ(51.2722, 49.9766, 42.2856)
contains.

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Color

**XYZ(51.0464, 49.7699,
42.0381)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B4A4
RGB	215, 180, 164
RGB Percent	84%, 71%, 64%
CMY	0.1569, 0.2941, 0.3569
CMYK	0.00, 0.16, 0.24, 0.16
HSL	19°, 39%, 74%
HSV	19°, 24%, 84%
XYZ	51.0464, 49.7699, 42.0381
YIQ	188.6410, 25.9960, 2.4440

Conversions

Conversions Part 2

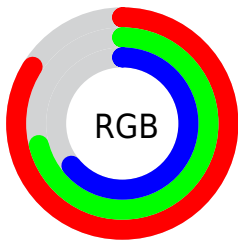
Format	Color
RYB	215, 187, 164
Decimal	14136484
CIELab	75.93, 10.18, 12.86
CIElCh	76, 16.407, 51.635
Yxy	49.7699, 0.3573, 0.3484
Android (android.graphics.Color)	4292326564 (0xFFD7B4A4)
YUV	188.6410, -12.1480, 23.1168
Hunter-Lab	70.5478, 5.6990, 14.0537

Details

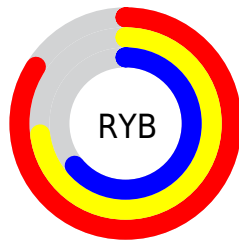
The XYZ color **51.0464, 49.7699, 42.0381** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9985, 53.6442, 72.1148**, and the grayscale version is **48.2226, 50.7339, 55.2492**.

A 20% lighter version of the original color is **84.0216, 86.3654, 79.2596**, and **25.0112, 23.8222, 18.6091** is the 20% darker color. If you saturate the color by 10%, you get **46.4453, 43.4165, 31.7213**, and if you desaturate by 10%, it is **56.2955, 56.8932, 54.1914**.

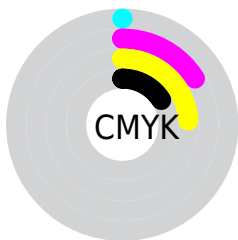
Distribution



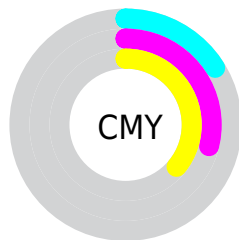
- Red (84%)
- Green (71%)
- Blue (64%)



- Red (84%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0464, 49.7699, 42.0381 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 51.0464, 49.7699, 42.0381 by changing the saturation by 10% instead.

 51.0464, 49.7699,
42.0381


 51.0464, 49.7699,
42.0381

381.1287,
385.7654, 370.4452

 36.4667, 35.2306,
28.8053


 90.9059, 89.8339,
79.5280

 24.9667, 23.8406,
18.6893


 116.9165,
116.1273, 104.6222

 16.1808, 15.2154,
11.2715


147.4681,
147.1076, 134.5073

 9.7438, 8.9707,
6.1333

182.9261,
183.1591, 169.6019

 5.2904, 4.7221,
2.8562

223.6558,
224.6663, 210.3244

 2.4551, 2.0851,
1.0217

270.0225,

 0.8727, 0.6562,

272.0134, 257.0934

0.0000

322.3917,
325.5850, 310.3275

0.0000, 0.0000,
0.0000

51.0464, 49.7699,
42.0381

51.0464, 49.7699,
42.0381

46.4453, 43.4165,
31.7213

56.2955, 56.8932,
54.1914

42.4619, 37.7999,
23.1477

62.2133, 64.8046,
68.2620

39.0690, 32.8944,
16.2205

68.8246, 73.5302,
84.3297

36.2361, 28.6702,
10.8320

76.1517, 83.0928,
102.4687

33.9293, 25.0951,
6.8615

81.4436, 92.4055,
108.1513

■ 32.1106, 22.1341,
4.1701

■ 81.8344, 93.1871,
108.2815

■ 30.7356, 19.7480,
2.5897

■ 30.0596, 18.5174,
1.9899

Harmonies

Analogous

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



52.9798, 49.7699, 48.2202



51.0464, 49.7699, 42.0381



48.1648, 49.7699, 39.1884

Triad

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



51.0464, 49.7699, 42.0381



41.7262, 49.7699, 51.7795



49.5045, 49.7699, 71.3874

Complementary

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



51.0464, 49.7699, 42.0381



47.9985, 53.6442, 72.1148

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.



46.4551, 49.7699, 72.6038



51.0464, 49.7699, 42.0381



42.0502, 49.7699, 60.6353

Square

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



51.0464, 49.7699, 42.0381



42.8455, 49.7699, 44.4027



43.7506, 49.7699, 68.4857



52.0632, 49.7699, 65.3213

Rectangle

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



51.0464, 49.7699, 42.0381



46.1296, 49.7699, 39.3229



43.7506, 49.7699, 68.4857



48.4998, 49.7699, 72.4013

Sweetspot

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



51.0477, 49.7722, 42.0391



88.5243, 91.3357, 93.1995



51.6905, 45.1547, 60.4517



18.8325, 19.3957, 19.6734



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.



51.0477, 49.7722, 42.0391



71.9226, 68.8494, 54.6264



56.5090, 60.6948, 43.8596



12.7381, 13.0504, 13.0083



18.0632, 11.2436, 1.2182



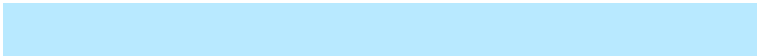
1.1628, 0.8247, 0.0979

Inverse Universe

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



47.9985, 53.6442, 72.1148



66.7456, 75.4093, 105.6453



42.7509, 43.1489, 70.3656



12.4482, 13.4198, 15.8717



13.7252, 15.7122, 40.7625



0.9004, 1.0928, 2.4828

Previews

White Background



This preview shows how the XYZ color 51.0464, 49.7699, 42.0381 looks on a white background.

Color Contrast Check

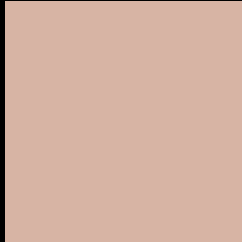
Large Text (above 18pt) WCAG AA × Fail

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 51.0464, 49.7699, 42.0381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

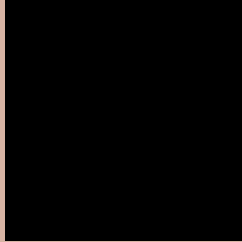
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0464, 49.7699, 42.0381

Background



This preview shows how black text looks on a background with the XYZ color 51.0464, 49.7699, 42.0381.



This preview shows how white text looks on a background with the XYZ color 51.0464, 49.7699,

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

51.0464, 49.7699, 42.0381

Protanopia

47.2511, 49.9328, 43.7068

Deuteranopia

50.7537, 49.6190, 42.0244



Tritanopia

53.7330, 49.6738, 55.4712

Trichromacy



Original Color

51.0464, 49.7699, 42.0381

Protanomaly

48.3805, 49.5907, 43.0984

Deuteranomaly

50.7537, 49.6190, 42.0244

Tritanomaly

52.6779, 49.5322, 50.5003

Monochromacy



Original Color

51.0464, 49.7699, 42.0381

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.0858, 50.4189, 50.3247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0464, 49.7699, 42.0381 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(215, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(215, 180, 164)  
}
```

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(215, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 180, 164) }
```

Border

The CSS property to change the border of an element to XYZ 51.0464, 49.7699, 42.0381 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(215, 180, 164) }
```


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

```
.border{ border-color:rgb(215, 180, 164) }
```

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

Here you see how a box with a 4 pixel rgb(215, 180, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(215, 180,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0464, 49.7699, 42.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 180, 164) }
```

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

```
.background{ background-color: rgb(215,  
180, 164) }
```

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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