

Converting Colors

XYZ(50.6979, 50.9545, 41.0457)

Have a look what the booklet for
XYZ(50.6979, 50.9545, 41.0457)
contains.

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Color

**XYZ(50.7249, 50.8512,
40.8600)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B8A1
RGB	212, 184, 161
RGB Percent	83%, 72%, 63%
CMY	0.1686, 0.2784, 0.3686
CMYK	0.00, 0.13, 0.24, 0.17
HSL	27°, 37%, 73%
HSV	27°, 24%, 83%
XYZ	50.7249, 50.8512, 40.8600
YIQ	189.7500, 24.0710, -1.2170

Conversions

Conversions Part 2

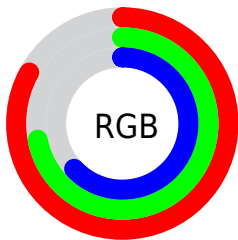
Format	Color
R_{YB}	212, 203, 161
Decimal	13940897
CIE _{Lab}	76.59, 6.48, 15.38
CIE _{LCh}	77, 16.686, 67.152
Yxy	50.8512, 0.3561, 0.3570
Android (android.graphics.Color)	4292130977 (0xFFD4B8A1)
YUV	189.7500, -14.1738, 19.5132
Hunter-Lab	71.3100, 2.1797, 15.9444

Details

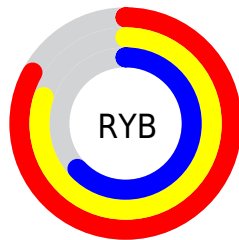
The XYZ color **50.7249, 50.8512, 40.8600** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7789, 48.7246, 69.3324**, and the grayscale version is **48.8701, 51.4151, 55.9910**.

A 20% lighter version of the original color is **84.7948, 88.5380, 77.5861**, and **24.7812, 24.5048, 17.8918** is the 20% darker color. If you saturate the color by 10%, you get **46.6931, 45.5299, 31.0614**, and if you desaturate by 10%, it is **55.2753, 56.7017, 52.3965**.

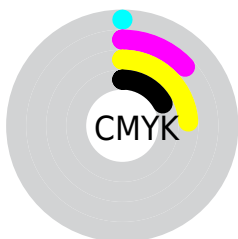
Distribution



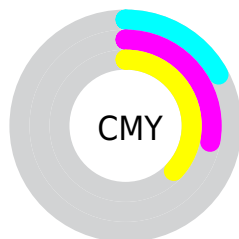
- Red (83%)
- Green (72%)
- Blue (63%)



- Red (83%)
- Yellow (80%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (28%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7249, 50.8512, 40.8600 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 50.7249, 50.8512, 40.8600 by changing the saturation by 10% instead.


 50.7249, 50.8512,
40.8600


 50.7249, 50.8512,
40.8600


379.8993,
389.9854, 365.3944

 36.2099, 36.0902,
27.8908


 90.4334, 91.4348,
77.7227

 24.7672, 24.5039,
18.0051


 116.3576,
118.0262, 102.4533

 16.0315, 15.7078,
10.7841

146.8156,
149.3298, 131.9414

 9.6374, 9.3176,
5.8095

182.1726,
185.7300, 166.6057

 5.2196, 4.9489,
2.6627

222.7942,
227.6113, 206.8646

 2.4128, 2.2173,
0.9246

269.0456,

 0.8515, 0.7294,

275.3581, 253.1366

0.0000

321.2922,
329.3546, 305.8404

■ 0.0000, 0.0000,
0.0000

■ 50.7249, 50.8512,
40.8600

■ 50.7249, 50.8512,
40.8600

■ 46.6931, 45.5299,
31.0614

■ 55.2753, 56.7017,
52.3965

■ 43.1552, 40.7150,
22.9118

■ 60.3597, 63.0897,
65.7474

■ 40.0901, 36.3919,
16.3190

■ 65.9979, 70.0318,
80.9886

■ 37.4735, 32.5427,
11.1805

■ 72.2073, 77.5420,
98.1907

■ 35.2787, 29.1480,
7.3813

■ 77.0111, 84.8363,
106.9239

■ 33.4750, 26.1867,
4.7886

■ 80.5895, 91.9932,
108.1167

■ 32.0265, 23.6349,
3.2414

■ 80.9615, 92.7371,
108.2407

■ 31.3003, 22.2946,
2.6536

Harmonies

Analogous

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



53.3273, 50.8512, 45.5306



50.7249, 50.8512, 40.8600



47.5817, 50.8512, 39.8660

Triad

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



50.7249, 50.8512, 40.8600



42.5634, 50.8512, 57.5583



52.0871, 50.8512, 70.3915

Complementary

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



50.7249, 50.8512, 40.8600



44.7789, 48.7246, 69.3324

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.



49.0913, 50.8512, 74.4439



50.7249, 50.8512, 40.8600



43.6598, 50.8512, 66.5298

Square

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



50.7249, 50.8512, 40.8600



42.9583, 50.8512, 48.8967



46.0166, 50.8512, 72.9590



54.1373, 50.8512, 62.3871

Rectangle

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



50.7249, 50.8512, 40.8600



45.6184, 50.8512, 41.3117



46.0166, 50.8512, 72.9590



51.1523, 50.8512, 72.2986

Sweetspot

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



50.7262, 50.8535, 40.8611



89.2614, 92.8100, 93.4452



49.0875, 43.1637, 53.9174



19.0030, 19.7367, 19.7302



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.



50.7262, 50.8535, 40.8611



73.7351, 72.8971, 53.9273



56.4959, 62.3927, 42.7843



12.8799, 13.3340, 13.0556



19.4203, 13.9578, 1.6706



1.2533, 1.0059, 0.1281

Inverse Universe

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



44.7789, 48.7246, 69.3324



63.1446, 69.1035, 104.6180



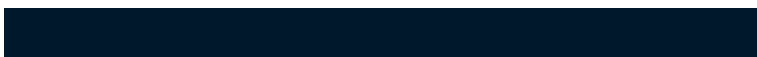
39.7773, 38.7214, 67.6652



12.3020, 13.1274, 15.8230



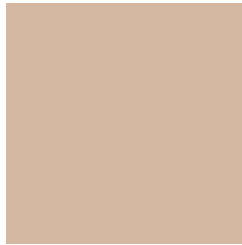
11.3201, 10.9020, 39.9608



0.7650, 0.8219, 2.4376

Previews

White Background



This preview shows how the XYZ color 50.7249, 50.8512, 40.8600 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 50.7249, 50.8512, 40.8600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

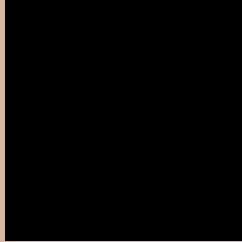
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7249, 50.8512, 40.8600

Background



This preview shows how black text looks on a background with the XYZ color 50.7249, 50.8512, 40.8600.



This preview shows how white text looks on a background with the XYZ color 50.7249, 50.8512,

40.8600.

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

50.7249, 50.8512, 40.8600

Protanopia

48.0972, 51.0453, 41.9681

Deuteranopia

51.7762, 50.7808, 40.7910



Tritanopia

54.0646, 50.6894, 57.3866

Trichromacy



Original Color

50.7249, 50.8512, 40.8600

Protanomaly

48.9205, 50.8458, 41.4183

Deuteranomaly

51.3908, 50.8873, 40.8318

Tritanomaly

52.8887, 50.8310, 50.7399

Monochromacy



Original Color

50.7249, 50.8512, 40.8600

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.4086, 51.2269, 49.9315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7249, 50.8512, 40.8600 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(212, 184, 161)` looks like.

```
.text, #text, p{  
    color:rgb(212, 184, 161)  
}
```

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(212, 184, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 184, 161) }
```

Border

The CSS property to change the border of an element to XYZ 50.7249, 50.8512, 40.8600 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(212, 184, 161) }
```


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

```
.border{ border-color:rgb(212, 184, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 184, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 184, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 184, 161);  
box-shadow:4px 4px 4px 4px rgb(212, 184,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7249, 50.8512, 40.8600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 184, 161) }
```

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

```
.background{ background-color: rgb(212,  
184, 161) }
```

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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