

Converting Colors

XYZ(48.0441, 42.0427, 36.6280)

Have a look what the booklet for
XYZ(48.0441, 42.0427, 36.6280)
contains.

XYZ(48.0976, 42.0101, 36.5841)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.0976, 42.0101,
36.5841)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9D9B
RGB	222, 157, 155
RGB Percent	87%, 62%, 61%
CMY	0.1294, 0.3843, 0.3922
CMYK	0.00, 0.29, 0.30, 0.13
HSL	2°, 50%, 74%
HSV	2°, 30%, 87%
XYZ	48.0976, 42.0101, 36.5841
YIQ	176.2070, 39.3820, 13.1580

Conversions

Conversions Part 2

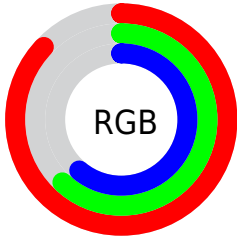
Format	Color
R _Y B	222, 157, 155
Decimal	14589339
CIE Lab	70.88, 23.97, 10.75
CIE LCh	71, 26.268, 24.155
Yxy	42.0101, 0.3796, 0.3316
Android (android.graphics.Color)	4292779419 (0xFFDE9D9B)
YUV	176.2070, -10.4551, 40.1605
Hunter-Lab	64.8152, 19.0334, 11.9052

Details

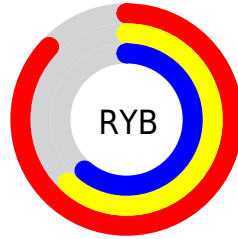
The XYZ color **48.0976, 42.0101, 36.5841** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2948, 63.4269, 78.5939**, and the grayscale version is **41.4142, 43.5710, 47.4488**.

A 20% lighter version of the original color is **76.2921, 72.9504, 70.3814**, and **23.0673, 19.1020, 15.5680** is the 20% darker color. If you saturate the color by 10%, you get **43.0739, 34.6769, 26.5414**, and if you desaturate by 10%, it is **54.1085, 50.7687, 48.6477**.

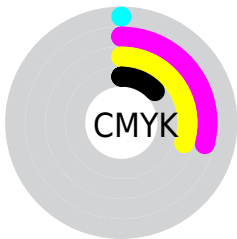
Distribution



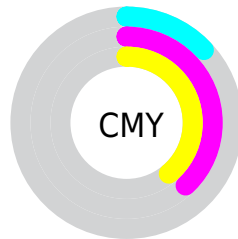
- Red (87%)
- Green (62%)
- Blue (61%)



- Red (87%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (29%)
- Yellow (30%)
- Black (13%)





- Cyan (13%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0976, 42.0101, 36.5841 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 48.0976, 42.0101, 36.5841 by changing the saturation by 10% instead.


 48.0976, 42.0101,
36.5841


 48.0976, 42.0101,
36.5841


369.7550,
354.5248, 346.6207

 34.1158, 29.1092,
24.5924


 86.5585, 78.2149,
71.1118

 23.1459, 19.1634,
15.5574


 111.7683,
102.2876, 94.4849

 14.8225, 11.7884,
9.0605


141.4515,
130.8530, 122.4889

 8.7804, 6.5998,
4.6833

175.9733,
164.2956, 155.5423

 4.6542, 3.2131,
2.0072

215.6992,
202.9996, 194.0636

 2.0785, 1.2440,
0.5597

260.9946,

 0.6775, 0.0972,

247.3496, 238.4714

0.0000

312.2247,
297.7298, 289.1843

■ 0.0000, 0.0000,
0.0000

■ 48.0976, 42.0101,
36.5841

■ 48.0976, 42.0101,
36.5841

■ 43.0739, 34.6769,
26.5414

■ 54.1085, 50.7687,
48.6477

■ 38.9815, 28.6883,
18.4069

■ 61.1520, 61.0162,
62.8317

■ 35.7641, 23.9643,
12.0605

■ 69.2744, 72.8196,
79.2318

■ 33.3581, 20.4143,
7.3676

■ 78.5185, 86.2397,
97.9374

■ 31.6910, 17.9355,
4.1746

■ 83.9343, 94.2696,
108.3798

■ 30.6775, 16.4074,
2.2991

■ 30.1964, 15.6738,
1.4338

Harmonies

Analogous

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



48.8853, 42.0101, 48.2366



48.0976, 42.0101, 36.5841



45.0549, 42.0101, 28.8763

Triad

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



48.0976, 42.0101, 36.5841



33.4980, 42.0101, 33.0472



39.0797, 42.0101, 74.1010

Complementary

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



48.0976, 42.0101, 36.5841



52.2948, 63.4269, 78.5939

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.



35.2081, 42.0101, 68.1534



48.0976, 42.0101, 36.5841



32.1400, 42.0101, 43.3346

Square

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



48.0976, 42.0101, 36.5841



36.5886, 42.0101, 27.1101



32.7425, 42.0101, 56.3130



43.4675, 42.0101, 71.4007

Rectangle

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



48.0976, 42.0101, 36.5841



42.2678, 42.0101, 26.2773



32.7425, 42.0101, 56.3130



37.6787, 42.0101, 73.0177

Sweetspot

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



48.0987, 42.0121, 36.5849



84.8770, 85.2178, 88.3564



54.8815, 44.1870, 73.9618



17.8399, 17.7644, 18.2520



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.



48.0987, 42.0121, 36.5849



61.4953, 51.1645, 41.3789



54.3715, 54.5576, 38.6759



13.7399, 13.7659, 14.2397



17.9503, 9.3385, 0.8564



1.2560, 0.6708, 0.0633

Inverse Universe

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



52.2948, 63.4269, 78.5939



68.0853, 84.8079, 107.3888



44.5546, 47.9465, 76.0138



14.0796, 15.4983, 17.6371



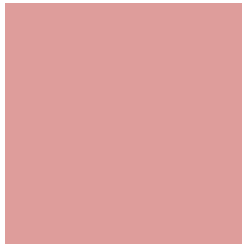
22.3352, 32.1400, 46.0748



1.5594, 2.2502, 3.1974

Previews

White Background



This preview shows how the XYZ color 48.0976, 42.0101, 36.5841 looks on a white background.

Color Contrast Check

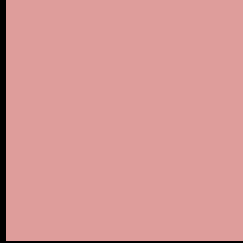
Large Text (above 18pt) WCAG AA × Fail

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 48.0976, 42.0101, 36.5841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

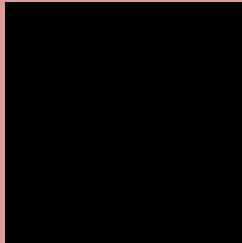
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0976, 42.0101, 36.5841

Background



This preview shows how black text looks on a background with the XYZ color 48.0976, 42.0101, 36.5841.



This preview shows how white text looks on a background with the XYZ color 48.0976, 42.0101,

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

48.0976, 42.0101, 36.5841

Protanopia

40.2348, 42.1512, 41.1373

Deuteranopia

42.8572, 41.9431, 35.9740



Tritanopia

49.1278, 41.9207, 42.0614

Trichromacy



Original Color

48.0976, 42.0101, 36.5841

Protanomaly

42.7574, 41.8127, 39.5353

Deuteranomaly

44.6621, 41.7929, 36.2847

Tritanomaly

48.9308, 42.1093, 40.1993

Monochromacy



Original Color

48.0976, 42.0101, 36.5841

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.2482, 42.5405, 42.9775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0976, 42.0101, 36.5841 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, 157, 155)` looks like.

```
.text, #text, p{  
    color:rgb(222, 157, 155)  
}
```

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, 157, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 157, 155) }
```

Border

The CSS property to change the border of an element to XYZ 48.0976, 42.0101, 36.5841 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, 157, 155) }
```


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

```
.border{ border-color:rgb(222, 157, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 157, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 157, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 157, 155); box-shadow:4px 4px 4px 4px rgb(222, 157, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0976, 42.0101, 36.5841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 157, 155) }
```

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

```
.background{ background-color: rgb(222,  
157, 155) }
```

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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