

Converting Colors

XYZ(48.2670, 40.4599, 44.9557)

Have a look what the booklet for
XYZ(48.2670, 40.4599, 44.9557)
contains.

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Color

**XYZ(48.1246, 40.3660,
44.7901)**

Conversions

Conversions Part 1

Format	Color
Hex	DC97AD
RGB	220, 151, 173
RGB Percent	86%, 59%, 68%
CMY	0.1373, 0.4078, 0.3216
CMYK	0.00, 0.31, 0.21, 0.14
HSL	341°, 50%, 73%
HSV	341°, 31%, 86%
XYZ	48.1246, 40.3660, 44.7901
YIQ	174.1390, 34.0620, 21.4700

Conversions

Conversions Part 2

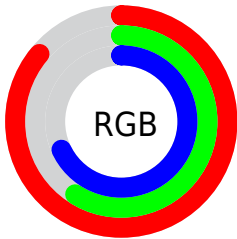
Format	Color
R_{YB}	220, 151, 173
Decimal	14456749
CIE Lab	69.73, 28.99, -0.93
CIE LCh	70, 29.008, 358.155
Yxy	40.3660, 0.3611, 0.3029
Android (android.graphics.Color)	4292646829 (0xFFDC97AD)
YUV	174.1390, -0.5615, 40.2201
Hunter-Lab	63.5342, 24.0216, 2.6760

Details

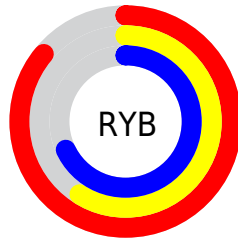
The XYZ color **48.1246, 40.3660, 44.7901** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5505, 61.8439, 62.8073**, and the grayscale version is **40.2950, 42.3935, 46.1666**.

A 20% lighter version of the original color is **77.3149, 71.0040, 83.0290**, and **23.2229, 18.1967, 20.3775** is the 20% darker color. If you saturate the color by 10%, you get **43.5391, 33.3868, 36.5038**, and if you desaturate by 10%, it is **53.5357, 48.7353, 54.1551**.

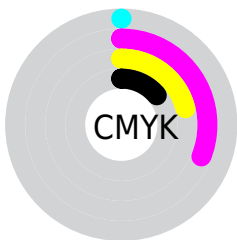
Distribution



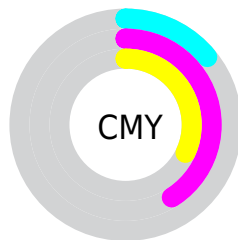
- Red (86%)
- Green (59%)
- Blue (68%)



- Red (86%)
- Yellow (59%)
- Blue (68%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (14%)





- Cyan (14%)
- Magenta (41%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1246, 40.3660, 44.7901 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 48.1246, 40.3660, 44.7901 by changing the saturation by 10% instead.


 48.1246, 40.3660,
44.7901


 48.1246, 40.3660,
44.7901


369.8602,
347.6638, 382.0581

 34.1372, 27.8240,
30.9504

 86.5985, 75.7205,
83.7205

 23.1624, 18.1930,
20.3029


 111.8157, 99.3019,
109.6482

 14.8348, 11.0887,
12.4292


141.5069,
127.3318, 140.4423

 8.7891, 6.1265,
6.9106

176.0374,
160.1947, 176.5214

 4.6599, 2.9222,
3.3286

215.7727,
198.2749, 218.3040

 2.0818, 1.0912,
1.2648

261.0780,

 0.6793, 0.0000,

241.9569, 266.2086

0.0327

312.3187,
291.6251, 320.6538

■ 0.0000, 0.0000,
0.0000

■ 48.1246, 40.3660,
44.7901

■ 48.1246, 40.3660,
44.7901

■ 43.5391, 33.3868,
36.5038

■ 53.5357, 48.7353,
54.1551

■ 39.7336, 27.7163,
29.2533

■ 59.8081, 58.5590,
64.6344

■ 36.6633, 23.2732,
22.9962

■ 66.9793, 69.9042,
76.2652

■ 34.2769, 19.9648,
17.6860

■ 75.0839, 82.8322,
89.0819

■ 32.5163, 17.6851,
13.2720

■ 82.2082, 93.5089,
102.4689

■ 31.3128, 16.3074,
9.6975

■ 83.3253, 93.9557,
108.3513

■ 30.6251, 15.6596,
7.2253

Harmonies

Analogous

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



46.5654, 40.3660, 59.0676



48.1246, 40.3660, 44.7901



46.8971, 40.3660, 32.8372

Triad

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



48.1246, 40.3660, 44.7901



34.2592, 40.3660, 24.8566



33.7941, 40.3660, 69.8021

Complementary

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



48.1246, 40.3660, 44.7901



48.5505, 61.8439, 62.8073

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.



30.9389, 40.3660, 57.3277



48.1246, 40.3660, 44.7901



31.1917, 40.3660, 31.6634

Square

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



48.1246, 40.3660, 44.7901



38.6583, 40.3660, 22.8296



30.0259, 40.3660, 43.1239



38.0765, 40.3660, 75.2202

Rectangle

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



48.1246, 40.3660, 44.7901



44.7156, 40.3660, 27.3555



30.0259, 40.3660, 43.1239



32.6491, 40.3660, 66.1845

Sweetspot

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



48.1257, 40.3679, 44.7909



85.7449, 85.2551, 93.8821



47.0123, 39.1729, 72.7937



18.0521, 17.7738, 19.6020



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.



48.1257, 40.3679, 44.7909



62.6683, 49.4216, 54.3756



48.1111, 43.4691, 35.1352



13.2262, 13.1196, 14.4526



18.0185, 9.2084, 4.4774



1.2058, 0.6120, 0.4929

Inverse Universe

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



48.1257, 40.3679, 44.7909



62.6683, 49.4216, 54.3756



48.3601, 57.1037, 76.1837



13.2262, 13.1196, 14.4526



18.0185, 9.2084, 4.4774



1.2058, 0.6120, 0.4929

Previews

White Background



This preview shows how the XYZ color 48.1246, 40.3660, 44.7901 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 48.1246, 40.3660, 44.7901 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 48.1246, 40.3660, 44.7901

Background



This preview shows how black text looks on a background with the XYZ color 48.1246, 40.3660, 44.7901.



This preview shows how white text looks on a background with the XYZ color 48.1246, 40.3660,

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

48.1246, 40.3660, 44.7901

Protanopia

39.6040, 40.7562, 51.1268

Deuteranopia

41.2043, 40.3773, 43.6521



Tritanopia

47.3055, 40.5229, 40.4504

Trichromacy



Original Color

48.1246, 40.3660, 44.7901

Protanomaly

42.0744, 40.1810, 48.7182

Deuteranomaly

43.4747, 40.2240, 44.0007

Tritanomaly

47.4167, 40.3066, 41.8400

Monochromacy



Original Color

48.1246, 40.3660, 44.7901

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.7621, 41.4048, 45.7825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1246, 40.3660, 44.7901 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(220, 151, 173)` looks like.

```
.text, #text, p{  
    color:rgb(220, 151, 173)  
}
```

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(220, 151, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 151, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.1246, 40.3660, 44.7901 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(220, 151, 173) }
```


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

```
.border{ border-color:rgb(220, 151, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 151, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 151, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 151, 173);  
box-shadow:4px 4px 4px 4px rgb(220, 151,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1246, 40.3660, 44.7901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 151, 173) }
```

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

```
.background{ background-color: rgb(220,  
151, 173) }
```

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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