

Converting Colors

XYZ(48.5430, 41.1165, 40.2080)

Have a look what the booklet for
XYZ(48.5430, 41.1165, 40.2080)
contains.

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Color

**XYZ(48.4335, 41.1148,
40.0336)**

Conversions

Conversions Part 1

Format	Color
Hex	DF99A3
RGB	223, 153, 163
RGB Percent	87%, 60%, 64%
CMY	0.1255, 0.4000, 0.3608
CMYK	0.00, 0.31, 0.27, 0.13
HSL	351°, 52%, 74%
HSV	351°, 31%, 87%
XYZ	48.4335, 41.1148, 40.0336
YIQ	175.0700, 38.5100, 17.9500

Conversions

Conversions Part 2

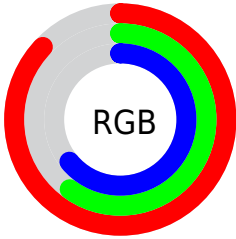
Format	Color
R _Y B	223, 153, 163
Decimal	14653859
CIE Lab	70.26, 27.57, 5.44
CIE LCh	70, 28.104, 11.157
Yxy	41.1148, 0.3738, 0.3173
Android (android.graphics.Color)	4292843939 (0xFFDF99A3)
YUV	175.0700, -5.9505, 42.0346
Hunter-Lab	64.1208, 22.6181, 7.8671

Details

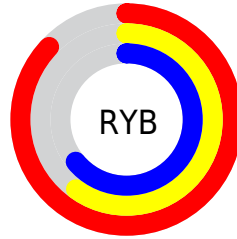
The XYZ color **48.4335, 41.1148, 40.0336** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.5365, 64.3527, 72.6590**, and the grayscale version is **40.8006, 42.9255, 46.7458**.

A 20% lighter version of the original color is **76.4508, 71.4337, 76.0884**, and **23.2488, 18.5620, 17.3964** is the 20% darker color. If you saturate the color by 10%, you get **43.5336, 33.8518, 30.5793**, and if you desaturate by 10%, it is **54.2766, 49.8493, 51.0804**.

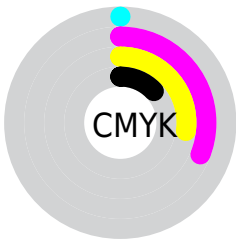
Distribution



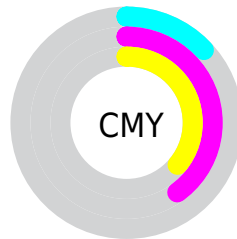
- Red (87%)
- Green (60%)
- Blue (64%)



- Red (87%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (31%)
- Yellow (27%)
- Black (13%)



- Cyan (13%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4335, 41.1148, 40.0336 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 48.4335, 41.1148, 40.0336 by changing the saturation by 10% instead.


 48.4335, 41.1148,
40.0336


 48.4335, 41.1148,
40.0336


371.0619,
350.8002, 361.8215

 34.3830, 28.4088,
27.2508


 87.0553, 76.8581,
76.4523

 23.3523, 18.6340,
17.5275


 112.3573,
100.6643, 100.9253

 14.9760, 11.4061,
10.4454


142.1405,
128.9392, 130.1320

 8.8887, 6.3407,
5.5858

176.7702,
162.0674, 164.4911

 4.7252, 3.0533,
2.5302

216.6119,
200.4332, 204.4210

 2.1200, 1.1596,
0.8561

262.0308,

 0.7001, 0.0284,

244.4210, 250.3404

0.0000

313.3924,
294.4152, 302.6677

■ 0.0000, 0.0000,
0.0000

■ 48.4335, 41.1148,
40.0336

■ 48.4335, 41.1148,
40.0336

■ 43.5336, 33.8518,
30.5793

■ 54.2766, 49.8493,
51.0804

■ 39.5239, 27.9737,
22.6415

■ 61.1055, 60.1242,
63.7862

■ 36.3513, 23.3939,
16.1412

■ 68.9643, 72.0107,
78.2165

■ 33.9555, 20.0135,
10.9918

■ 77.8934, 85.5743,
94.4327

■ 32.2679, 17.7194,
7.0966

■ 84.2415, 94.4280,
108.3942

■ 31.2077, 16.3767,
4.3459

■ 30.6901, 15.7914,
2.7860

Harmonies

Analogous

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



48.0796, 41.1148, 53.4747



48.4335, 41.1148, 40.0336



46.1375, 41.1148, 30.0553

Triad

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



48.4335, 41.1148, 40.0336



33.5315, 41.1148, 28.2482



36.2855, 41.1148, 73.3385

Complementary

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



48.4335, 41.1148, 40.0336



51.5365, 64.3527, 72.6590

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.



32.7787, 41.1148, 63.6334



48.4335, 41.1148, 40.0336



31.2772, 41.1148, 37.0600

Square

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



48.4335, 41.1148, 40.0336



37.3886, 41.1148, 24.1982



31.0129, 41.1148, 49.8596



40.8183, 41.1148, 74.5690

Rectangle

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



48.4335, 41.1148, 40.0336



43.5113, 41.1148, 26.0128



31.0129, 41.1148, 49.8596



34.9573, 41.1148, 70.8812

Sweetspot

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



48.4346, 41.1167, 40.0344



85.1534, 85.0185, 90.7676



52.0075, 42.1837, 75.2133



17.9074, 17.7159, 18.8399



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.



48.4346, 41.1167, 40.0344



60.9243, 48.7240, 45.1919



52.0036, 49.6318, 36.9785



13.7866, 13.7323, 14.6463



18.0700, 9.2950, 1.7686



1.2782, 0.6545, 0.2577

Inverse Universe

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



48.4346, 41.1167, 40.0344



60.9243, 48.7240, 45.1919



46.7663, 52.7187, 77.5230



13.7866, 13.7323, 14.6463



18.0700, 9.2950, 1.7686



1.2782, 0.6545, 0.2577

Previews

White Background



This preview shows how the XYZ color 48.4335, 41.1148, 40.0336 looks on a white background.

Color Contrast Check

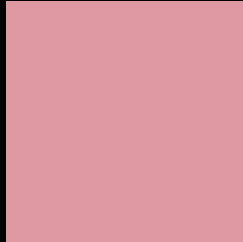
Large Text (above 18pt) WCAG AA × Fail

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 48.4335, 41.1148, 40.0336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

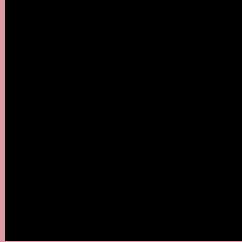
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4335, 41.1148, 40.0336

Background



This preview shows how black text looks on a background with the XYZ color 48.4335, 41.1148, 40.0336.



This preview shows how white text looks on a background with the XYZ color 48.4335, 41.1148,

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

48.4335, 41.1148, 40.0336

Protanopia

39.7849, 41.2569, 45.4017

Deuteranopia

42.0616, 41.1831, 39.4505



Tritanopia

48.5235, 41.1508, 40.5074

Trichromacy



Original Color

48.4335, 41.1148, 40.0336

Protanomaly

42.1751, 40.6220, 43.1541

Deuteranomaly

44.1683, 40.9357, 39.7559

Tritanomaly

48.5235, 41.1508, 40.5074

Monochromacy



Original Color

48.4335, 41.1148, 40.0336

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.9076, 41.7842, 44.3318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4335, 41.1148, 40.0336 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(223, 153, 163)` looks like.

```
.text, #text, p{  
    color:rgb(223, 153, 163)  
}
```

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(223, 153, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 153, 163) }
```

Border

The CSS property to change the border of an element to XYZ 48.4335, 41.1148, 40.0336 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(223, 153, 163) }
```


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

```
.border{ border-color:rgb(223, 153, 163) }
```

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

Here you see how a box with a 4 pixel rgb(223, 153, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 153, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 153, 163);  
box-shadow:4px 4px 4px 4px rgb(223, 153,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4335, 41.1148, 40.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 153, 163) }
```

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

```
.background{ background-color: rgb(223,  
153, 163) }
```

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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