

Converting Colors

XYZ(48.1617, 40.8185, 35.2750)

Have a look what the booklet for
XYZ(48.1617, 40.8185, 35.2750)
contains.

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Color

**XYZ(48.3420, 40.9251,
35.4884)**

Conversions

Conversions Part 1

Format	Color
Hex	E29899
RGB	226, 152, 153
RGB Percent	89%, 60%, 60%
CMY	0.1137, 0.4039, 0.4000
CMYK	0.00, 0.33, 0.32, 0.11
HSL	359°, 56%, 74%
HSV	359°, 33%, 89%
XYZ	48.3420, 40.9251, 35.4884
YIQ	174.2400, 43.7830, 15.9990

Conversions

Conversions Part 2

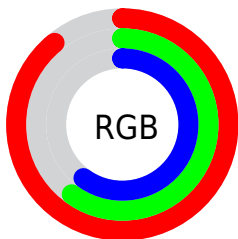
Format	Color
R_{YB}	226, 152, 153
Decimal	14850201
CIE _{Lab}	70.12, 27.89, 10.85
CIE _{LCh}	70, 29.930, 21.256
Yxy	40.9251, 0.3875, 0.3280
Android (android.graphics.Color)	4293040281 (0xFFE29899)
YUV	174.2400, -10.4713, 45.3935
Hunter-Lab	63.9727, 22.9341, 11.8902

Details

The XYZ color **48.3420, 40.9251, 35.4884** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7376, 66.5052, 81.2421**, and the grayscale version is **40.3928, 42.4964, 46.2786**.

A 20% lighter version of the original color is **74.8153, 70.3906, 68.6750**, and **23.3176, 18.5087, 14.9139** is the 20% darker color. If you saturate the color by 10%, you get **43.3446, 33.6071, 25.5704**, and if you desaturate by 10%, it is **54.3845, 49.7823, 47.4532**.

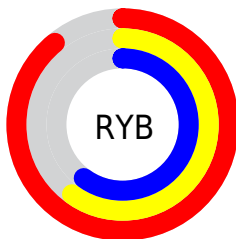
Distribution



Red (89%)

Green (60%)

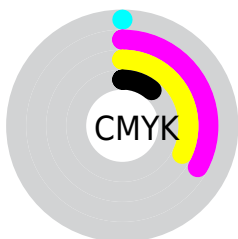
Blue (60%)



Red (89%)

Yellow (60%)

Blue (60%)

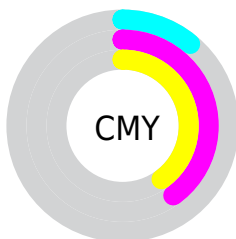


Cyan (0%)

Magenta (33%)

Yellow (32%)

Black (11%)



Cyan (11%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3420, 40.9251, 35.4884 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 48.3420, 40.9251, 35.4884 by changing the saturation by 10% instead.


 48.3420, 40.9251,
35.4884


 48.3420, 40.9251,
35.4884


370.7062,
350.0075, 341.6884

 34.3102, 28.2606,
23.7528


 86.9200, 76.5702,
69.4018

 23.2960, 18.5222,
14.9398


 112.1969,
100.3195, 92.4167

 14.9341, 11.3255,
8.6310


141.9529,
128.5326, 120.0284

 8.8592, 6.2862,
4.4078

176.5533,
161.5937, 152.6555

 4.7058, 3.0199,
1.8516

216.3634,
199.8874, 190.7165

 2.1087, 1.1421,
0.4617

261.7487,

 0.6939, 0.0137,

243.7980, 234.6300

0.0000

313.0746,
293.7099, 284.8144

0.0000, 0.0000,
0.0000

48.3420, 40.9251,
35.4884

48.3420, 40.9251,
35.4884

43.3446, 33.6071,
25.5704

54.3845, 49.7823,
47.4532

39.3301, 27.7351,
17.5822

61.5232, 60.2533,
61.5678

36.2346, 23.2151,
11.3992

69.8099, 72.4147,
77.9313

33.9855, 19.9394,
6.8807

79.2920, 86.3368,
96.6358

32.4992, 17.7839,
3.8656

85.1741, 94.9088,
108.4378

■ 31.6749, 16.5993,
2.1607

■ 31.3807, 16.1754,
1.5555

Harmonies

Analogous

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



48.9580, 40.9251, 48.7837



48.3420, 40.9251, 35.4884



45.0885, 40.9251, 26.6753

Triad

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



48.3420, 40.9251, 35.4884



32.0117, 40.9251, 29.7346



37.4852, 40.9251, 76.8508

Complementary

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



48.3420, 40.9251, 35.4884



53.7376, 66.5052, 81.2421

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.



33.3019, 40.9251, 69.0535



48.3420, 40.9251, 35.4884



30.3202, 40.9251, 40.5883

Square

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



48.3420, 40.9251, 35.4884



35.5859, 40.9251, 23.8701



30.7719, 40.9251, 55.0602



42.4096, 40.9251, 74.6858

Rectangle

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



48.3420, 40.9251, 35.4884



42.0005, 40.9251, 23.6047



30.7719, 40.9251, 55.0602



35.9523, 40.9251, 75.2571

Sweetspot

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



48.3431, 40.9271, 35.4892



83.6587, 83.2801, 86.4127



55.9353, 43.9194, 77.4807



17.5906, 17.3620, 17.8720



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.



48.3431, 40.9271, 35.4892



59.1293, 47.3167, 37.8646



54.9661, 54.3041, 37.2930



13.7147, 13.7035, 14.2678



17.9062, 9.2295, 0.9057



1.2438, 0.6408, 0.0768

Inverse Universe

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



48.3431, 40.9271, 35.4892



59.1293, 47.3167, 37.8646



45.1421, 49.0963, 79.0488



13.7147, 13.7035, 14.2678



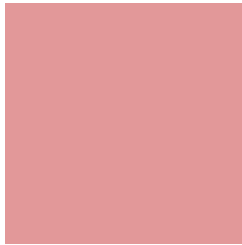
17.9062, 9.2295, 0.9057



1.2438, 0.6408, 0.0768

Previews

White Background



This preview shows how the XYZ color 48.3420, 40.9251, 35.4884 looks on a white background.

Color Contrast Check

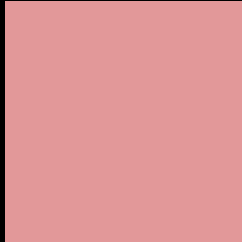
Large Text (above 18pt) WCAG AA × Fail

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 48.3420, 40.9251, 35.4884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

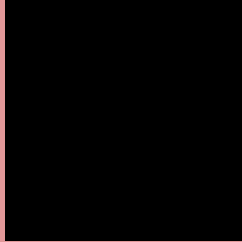
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3420, 40.9251, 35.4884

Background



This preview shows how black text looks on a background with the XYZ color 48.3420, 40.9251, 35.4884.



This preview shows how white text looks on a background with the XYZ color 48.3420, 40.9251,

35.4884.

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

48.3420, 40.9251, 35.4884

Protanopia

39.3052, 41.1173, 40.5152

Deuteranopia

41.8060, 40.8804, 34.9654



Tritanopia

49.2667, 41.0727, 39.5136

Trichromacy



Original Color

48.3420, 40.9251, 35.4884

Protanomaly

42.0391, 40.6562, 38.4326

Deuteranomaly

43.9704, 40.6740, 35.2391

Tritanomaly

49.0032, 40.9673, 38.1256

Monochromacy



Original Color

48.3420, 40.9251, 35.4884

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.5115, 41.3631, 41.8197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3420, 40.9251, 35.4884 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(226, 152, 153)` looks like.

```
.text, #text, p{  
    color:rgb(226, 152, 153)  
}
```

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(226, 152, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 152, 153) }
```

Border

The CSS property to change the border of an element to XYZ 48.3420, 40.9251, 35.4884 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(226, 152, 153) }
```


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

```
.border{ border-color:rgb(226, 152, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 152, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 152, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 152, 153);  
box-shadow:4px 4px 4px 4px rgb(226, 152,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3420, 40.9251, 35.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 152, 153) }
```

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

```
.background{ background-color: rgb(226,  
152, 153) }
```

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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