

Converting Colors

XYZ(48.2372, 39.0843, 41.9917)

Have a look what the booklet for
XYZ(48.2372, 39.0843, 41.9917)
contains.

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Color

**XYZ(48.2446, 39.0855,
42.0473)**

Conversions

Conversions Part 1

Format	Color
Hex	E191A8
RGB	225, 145, 168
RGB Percent	88%, 57%, 66%
CMY	0.1176, 0.4313, 0.3412
CMYK	0.00, 0.36, 0.25, 0.12
HSL	343°, 57%, 73%
HSV	343°, 36%, 88%
XYZ	48.2446, 39.0855, 42.0473
YIQ	171.5420, 40.2970, 24.1130

Conversions

Conversions Part 2

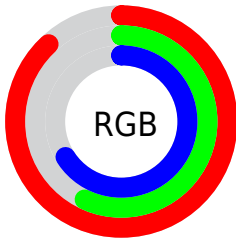
Format	Color
R_{YB}	225, 145, 168
Decimal	14782888
CIE _{Lab}	68.81, 33.27, 0.59
CIE _{LCh}	69, 33.279, 1.010
Yxy	39.0855, 0.3729, 0.3021
Android (android.graphics.Color)	4292972968 (0xFFE191A8)
YUV	171.5420, -1.7462, 46.8827
Hunter-Lab	62.5184, 28.3388, 3.8869

Details

The XYZ color **48.2446, 39.0855, 42.0473** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2646, 64.1354, 65.6631**, and the grayscale version is **38.9766, 41.0065, 44.6560**.

A 20% lighter version of the original color is **75.2136, 67.8963, 78.9531**, and **23.2152, 17.4145, 18.6608** is the 20% darker color. If you saturate the color by 10%, you get **43.7382, 32.3172, 33.6250**, and if you desaturate by 10%, it is **53.6182, 47.2928, 51.6681**.

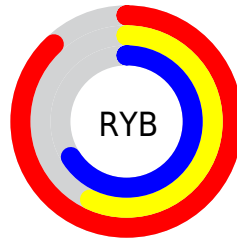
Distribution



Red (88%)

Green (57%)

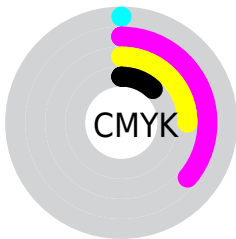
Blue (66%)



Red (88%)

Yellow (57%)

Blue (66%)

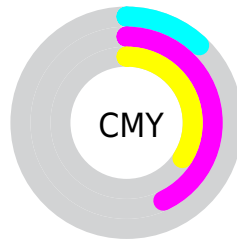


Cyan (0%)

Magenta (36%)

Yellow (25%)

Black (12%)



Cyan (12%)


Magenta (43%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2446, 39.0855, 42.0473 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 48.2446, 39.0855, 42.0473 by changing the saturation by 10% instead.


 48.2446, 39.0855,
42.0473


 48.2446, 39.0855,
42.0473


370.3273,
342.2539, 370.4844

 34.2327, 26.8262,
28.8125

 86.7760, 73.7689,
79.5421

 23.2361, 17.4428,
18.6947


 112.0261, 96.9619,
104.6391

 14.8896, 10.5507,
11.2753


141.7531,
124.5682, 134.5273

 8.8278, 5.7656,
6.1358

176.3222,
156.9722, 169.6252

 4.6852, 2.7031,
2.8577

216.0988,
194.5584, 210.3513

 2.0966, 0.9788,
1.0224

261.4483,

 0.6874, 0.0000,

237.7112, 257.1242

0.0000

312.7360,
286.8149, 310.3624

■ 0.0000, 0.0000,
0.0000

■ 48.2446, 39.0855,
42.0473

■ 48.2446, 39.0855,
42.0473

■ 43.7382, 32.3172,
33.6250

■ 53.6182, 47.2928,
51.6681

■ 40.0486, 26.8988,
26.3502

■ 59.8991, 57.0102,
62.5307

■ 37.1252, 22.7401,
20.1715

■ 67.1289, 68.3108,
74.6791

■ 34.9101, 19.7374,
15.0325

■ 75.3454, 81.2612,
88.1544

■ 33.3365, 17.7700,
10.8708

■ 83.7798, 94.3150,
102.7276

■ 32.3235, 16.6902,
7.6160

■ 84.8614, 94.7476,
108.4232

■ 31.9963, 16.3855,
6.4287

Harmonies

Analogous

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



46.7491, 39.0855, 58.2496



48.2446, 39.0855, 42.0473



46.5410, 39.0855, 29.2749

Triad

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



48.2446, 39.0855, 42.0473



32.1641, 39.0855, 22.1963



32.4464, 39.0855, 73.3673

Complementary

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



48.2446, 39.0855, 42.0473



49.2646, 64.1354, 65.6631

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.



29.1151, 39.0855, 59.3502



48.2446, 39.0855, 42.0473



28.9633, 39.0855, 29.9717

Square

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



48.2446, 39.0855, 42.0473



36.9710, 39.0855, 19.6155



27.9011, 39.0855, 43.0717



37.3287, 39.0855, 78.7201

Rectangle

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



48.2446, 39.0855, 42.0473



43.9054, 39.0855, 23.7331



27.9011, 39.0855, 43.0717



31.1250, 39.0855, 69.3713

Sweetspot

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



48.2457, 39.0874, 42.0481



83.6927, 82.1697, 90.0566



47.8048, 38.1066, 76.0701



17.6377, 17.1568, 18.8105



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.



48.2457, 39.0874, 42.0481



59.3418, 44.7871, 47.0442



48.9084, 43.5435, 32.6174



13.8684, 13.7650, 15.0774



18.4815, 9.4596, 3.9353



1.3190, 0.6709, 0.4729

Inverse Universe

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



48.2457, 39.0874, 42.0481



59.3418, 44.7871, 47.0442



48.0695, 57.0581, 79.7142



13.8684, 13.7650, 15.0774



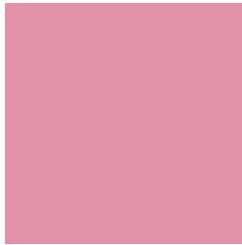
18.4815, 9.4596, 3.9353



1.3190, 0.6709, 0.4729

Previews

White Background



This preview shows how the XYZ color 48.2446, 39.0855, 42.0473 looks on a white background.

Color Contrast Check

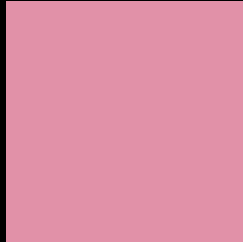
Large Text (above 18pt) WCAG AA × Fail

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 48.2446, 39.0855, 42.0473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

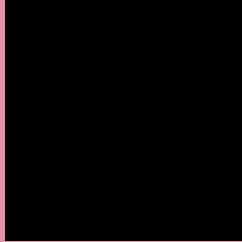
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2446, 39.0855, 42.0473

Background



This preview shows how black text looks on a background with the XYZ color 48.2446, 39.0855, 42.0473.



This preview shows how white text looks on a background with the XYZ color 48.2446, 39.0855,

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

48.2446, 39.0855, 42.0473

Protanopia

38.3077, 39.2985, 49.2824

Deuteranopia

40.1384, 39.3501, 41.0771



Tritanopia

47.3457, 39.1834, 37.4155

Trichromacy



Original Color

48.2446, 39.0855, 42.0473

Protanomaly

41.2209, 38.7497, 46.3812

Deuteranomaly

42.5908, 38.8095, 41.3226

Tritanomaly

47.5409, 39.0137, 39.2071

Monochromacy



Original Color

48.2446, 39.0855, 42.0473

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.7569, 39.8573, 44.0205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2446, 39.0855, 42.0473 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(225, 145, 168)` looks like.

```
.text, #text, p{  
    color:rgb(225, 145, 168)  
}
```

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(225, 145, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 145, 168) }
```

Border

The CSS property to change the border of an element to XYZ 48.2446, 39.0855, 42.0473 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(225, 145, 168) }
```


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

```
.border{ border-color:rgb(225, 145, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 145, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 145, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 145, 168);  
box-shadow:4px 4px 4px 4px rgb(225, 145,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2446, 39.0855, 42.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 145, 168) }
```

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

```
.background{ background-color: rgb(225,  
145, 168) }
```

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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