

Converting Colors

XYZ(50.3880, 41.9887, 41.2062)

Have a look what the booklet for
XYZ(50.3880, 41.9887, 41.2062)
contains.

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Color

**XYZ(50.4959, 42.1571,
41.0730)**

Conversions

Conversions Part 1

Format	Color
Hex	E599A5
RGB	229, 153, 165
RGB Percent	90%, 60%, 65%
CMY	0.1020, 0.4000, 0.3529
CMYK	0.00, 0.33, 0.28, 0.10
HSL	351°, 59%, 75%
HSV	351°, 33%, 90%
XYZ	50.4959, 42.1571, 41.0730
YIQ	177.0920, 41.4440, 19.8440

Conversions

Conversions Part 2

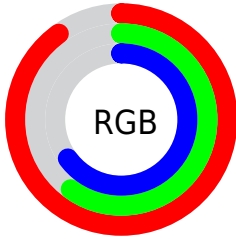
Format	Color
R_{YB}	229, 153, 165
Decimal	15047077
CIE _{Lab}	70.98, 30.05, 5.45
CIE _{LCh}	71, 30.539, 10.289
Yxy	42.1571, 0.3776, 0.3152
Android (android.graphics.Color)	4293237157 (0xFFE599A5)
YUV	177.0920, -5.9614, 45.5233
Hunter-Lab	64.9285, 25.1973, 7.9438

Details

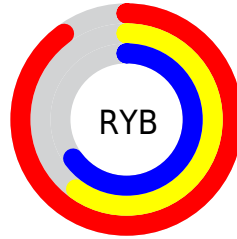
The XYZ color **50.4959, 42.1571, 41.0730** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.6825, 67.8218, 75.9107**, and the grayscale version is **41.8544, 44.0341, 47.9531**.

A 20% lighter version of the original color is **76.7141, 71.5391, 77.4753**, and **24.6476, 19.2703, 18.0432** is the 20% darker color. If you saturate the color by 10%, you get **45.4762, 34.7180, 31.3827**, and if you desaturate by 10%, it is **56.5019, 51.1446, 52.3989**.

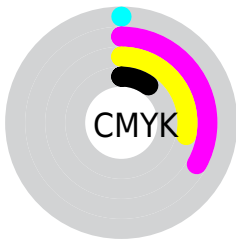
Distribution



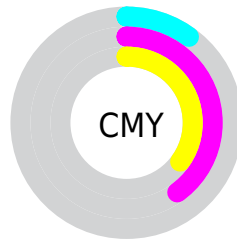
- Red (90%)
- Green (60%)
- Blue (65%)



- Red (90%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (10%)





- Cyan (10%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4959, 42.1571, 41.0730 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 50.4959, 42.1571, 41.0730 by changing the saturation by 10% instead.


 50.4959, 42.1571,
41.0730


 50.4959, 42.1571,
41.0730

379.0221,
355.1338, 366.3113

 36.0270, 29.2243,
28.0560


 90.0966, 78.4373,
78.0496

 24.6253, 19.2506,
18.1285

 115.9592,
102.5536, 102.8462

 15.9253, 11.8515,
10.8719


146.3503,
131.1664, 132.4065

 9.5618, 6.6426,
5.8677

181.6353,
164.6603, 167.1490

 5.1694, 3.2396,
2.6973

222.1797,
203.4196, 207.4921

 2.3828, 1.2581,
0.9421

268.3487,

 0.8365, 0.1084,

247.8287, 253.8545

0.0000

320.5077,
298.2719, 306.6548

0.0000, 0.0000,
0.0000

50.4959, 42.1571,
41.0730

50.4959, 42.1571,
41.0730

45.4762, 34.7180,
31.3827

56.5019, 51.1446,
52.3989

41.3861, 28.7339,
23.2494

63.5398, 61.7548,
65.4289

38.1688, 24.1109,
16.5920

71.6565, 74.0646,
80.2304

35.7593, 20.7413,
11.3207

80.8950, 88.1441,
96.8668

34.0836, 18.5013,
7.3358

86.1232, 95.3981,
108.4822

■ 33.0532, 17.2413,
4.5235

■ 32.6339, 16.7864,
3.2009

Harmonies

Analogous

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



50.0118, 42.1571, 56.0242



50.4959, 42.1571, 41.0730



48.0116, 42.1571, 30.0515

Triad

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



50.4959, 42.1571, 41.0730



34.0650, 42.1571, 27.6622



36.8566, 42.1571, 77.6855

Complementary

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



50.4959, 42.1571, 41.0730



53.6825, 67.8218, 75.9107

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.



33.0546, 42.1571, 66.5281



50.4959, 42.1571, 41.0730



31.5400, 42.1571, 37.0788

Square

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



50.4959, 42.1571, 41.0730



38.3454, 42.1571, 23.4697



31.1865, 42.1571, 51.0952



41.8436, 42.1571, 79.3907

Rectangle

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



50.4959, 42.1571, 41.0730



45.1205, 42.1571, 25.5999



31.1865, 42.1571, 51.0952



35.4095, 42.1571, 74.8195

Sweetspot

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



50.4971, 42.1591, 41.0738



84.1810, 83.4890, 89.1628



53.9530, 43.0915, 79.6029



17.7157, 17.4120, 18.5309



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.



50.4971, 42.1591, 41.0738



59.8021, 46.9108, 43.4881



54.0511, 50.9334, 37.1218



14.4693, 14.4049, 15.4057



18.6867, 9.6089, 1.9794



1.4093, 0.7214, 0.2961

Inverse Universe

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



50.4971, 42.1591, 41.0738



59.8021, 46.9108, 43.4881



48.7951, 55.4585, 82.2619



14.4693, 14.4049, 15.4057



18.6867, 9.6089, 1.9794



1.4093, 0.7214, 0.2961

Previews

White Background



This preview shows how the XYZ color 50.4959, 42.1571, 41.0730 looks on a white background.

Color Contrast Check

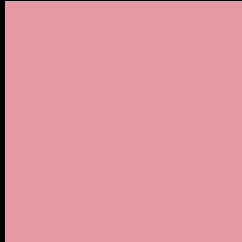
Large Text (above 18pt) WCAG AA × Fail

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 50.4959, 42.1571, 41.0730 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 50.4959, 42.1571, 41.0730

Background



This preview shows how black text looks on a background with the XYZ color 50.4959, 42.1571, 41.0730.



This preview shows how white text looks on a background with the XYZ color 50.4959, 42.1571,

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

50.4959, 42.1571, 41.0730

Protanopia

40.6845, 42.2518, 47.0854

Deuteranopia

43.0299, 42.2160, 40.0630



Tritanopia

50.4959, 42.1571, 41.0730

Trichromacy



Original Color

50.4959, 42.1571, 41.0730

Protanomaly

43.5883, 41.8531, 44.8108

Deuteranomaly

45.4402, 42.1041, 40.3823

Tritanomaly

50.4959, 42.1571, 41.0730

Monochromacy



Original Color

50.4959, 42.1571, 41.0730

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.3104, 42.7582, 45.4529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4959, 42.1571, 41.0730 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(229, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(229, 153, 165)  
}
```

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(229, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 50.4959, 42.1571, 41.0730 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(229, 153, 165) }
```


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

```
.border{ border-color:rgb(229, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(229, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4959, 42.1571, 41.0730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 153, 165) }
```

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

```
.background{ background-color: rgb(229,  
153, 165) }
```

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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