

Converting Colors

XYZ(50.4131, 41.0841, 39.0684)

Have a look what the booklet for
XYZ(50.4131, 41.0841, 39.0684)
contains.

XYZ(50.4592, 41.2239, 39.0157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.4592, 41.2239,
39.0157)**

Conversions

Conversions Part 1

Format	Color
Hex	E895A1
RGB	232, 149, 161
RGB Percent	91%, 58%, 63%
CMY	0.0902, 0.4157, 0.3686
CMYK	0.00, 0.36, 0.31, 0.09
HSL	351°, 64%, 75%
HSV	351°, 36%, 91%
XYZ	50.4592, 41.2239, 39.0157
YIQ	175.1850, 45.6160, 21.3280

Conversions

Conversions Part 2

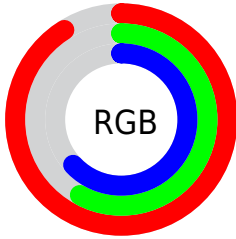
Format	Color
R _Y B	232, 149, 161
Decimal	15242657
CIE Lab	70.33, 32.74, 6.79
CIE LCh	70, 33.434, 11.725
Yxy	41.2239, 0.3861, 0.3154
Android (android.graphics.Color)	4293432737 (0xFFE895A1)
YUV	175.1850, -6.9932, 49.8268
Hunter-Lab	64.2058, 27.9225, 8.9156

Details

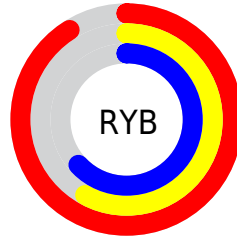
The XYZ color **50.4592, 41.2239, 39.0157** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.1712, 69.2711, 78.2294**, and the grayscale version is **40.8629, 42.9909, 46.8171**.

A 20% lighter version of the original color is **75.2275, 69.4036, 74.3971**, and **24.5447, 18.6738, 17.0626** is the 20% darker color. If you saturate the color by 10%, you get **45.5341, 33.9557, 29.4136**, and if you desaturate by 10%, it is **56.3955, 50.0693, 50.3263**.

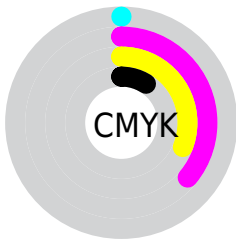
Distribution



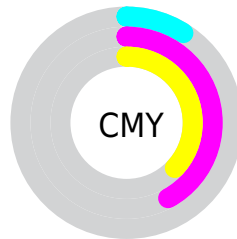
- Red (91%)
- Green (58%)
- Blue (63%)



- Red (91%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (36%)
- Yellow (31%)
- Black (9%)





- Cyan (9%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4592, 41.2239, 39.0157 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 50.4592, 41.2239, 39.0157 by changing the saturation by 10% instead.

 50.4592, 41.2239,
39.0157

 50.4592, 41.2239,
39.0157


378.8814,
351.2555, 357.3852

 35.9977, 28.4941,
26.4640


 90.0426, 77.0237,
74.8829

 24.6025, 18.6984,
16.9422


 115.8953,
100.8624, 99.0355

 15.9083, 11.4526,
10.0318


146.2757,
129.1729, 127.8922

 9.5497, 6.3721,
5.3142

181.5492,
162.3395, 161.8714

 5.1614, 3.0726,
2.3708

222.0811,
200.7467, 201.3918

 2.3780, 1.1698,
0.7705

268.2369,

 0.8341, 0.0368,

244.7789, 246.8719

0.0000

320.3819,
294.8203, 298.7302

■ 0.0000, 0.0000,
0.0000

■ 50.4592, 41.2239,
39.0157

■ 50.4592, 41.2239,
39.0157

■ 45.5341, 33.9557,
29.4136

■ 56.3955, 50.0693,
50.3263

■ 41.5600, 28.1662,
21.4342

■ 63.3918, 60.5710,
63.4206

■ 38.4757, 23.7552,
14.9877

■ 71.4979, 72.8097,
78.3724

■ 36.2113, 20.6075,
9.9748

■ 80.7593, 86.8592,
95.2503

■ 34.6859, 18.5891,
6.2838

■ 87.0888, 95.8959,
108.5274

■ 33.8017, 17.5353,
3.7860

■ 33.5608, 17.2687,
3.0424

Harmonies

Analogous

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



50.0904, 41.2239, 55.0542



50.4592, 41.2239, 39.0157



47.6047, 41.2239, 27.6147

Triad

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



50.4592, 41.2239, 39.0157



32.5650, 41.2239, 25.8845



35.9628, 41.2239, 80.1677

Complementary

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



50.4592, 41.2239, 39.0157



54.1712, 69.2711, 78.2294

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.



31.8165, 41.2239, 68.1757



50.4592, 41.2239, 39.0157



29.9849, 41.2239, 36.0536

Square

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



50.4592, 41.2239, 39.0157



37.0749, 41.2239, 21.3064



29.7243, 41.2239, 51.3170



41.3676, 41.2239, 81.4917

Rectangle

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



50.4592, 41.2239, 39.0157



44.4009, 41.2239, 23.1703



29.7243, 41.2239, 51.3170



34.3891, 41.2239, 77.1399

Sweetspot

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



50.4603, 41.2259, 39.0165



83.1198, 81.9406, 87.0395



54.6935, 42.4687, 81.6588



17.5020, 17.1025, 18.0962



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.



50.4603, 41.2259, 39.0165



57.8694, 44.1981, 39.2906



54.6352, 51.1883, 35.4370



14.4614, 14.4018, 15.3643



18.6592, 9.5979, 1.8346



1.4056, 0.7200, 0.2765

Inverse Universe

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



50.4603, 41.2259, 39.0165



57.8694, 44.1981, 39.2906



48.3057, 54.9057, 84.3960



14.4614, 14.4018, 15.3643



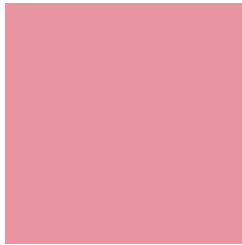
18.6592, 9.5979, 1.8346



1.4056, 0.7200, 0.2765

Previews

White Background



This preview shows how the XYZ color 50.4592, 41.2239, 39.0157 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 50.4592, 41.2239, 39.0157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

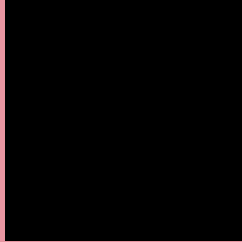
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4592, 41.2239, 39.0157

Background



This preview shows how black text looks on a background with the XYZ color 50.4592, 41.2239, 39.0157.



This preview shows how white text looks on a background with the XYZ color 50.4592, 41.2239,

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

50.4592, 41.2239, 39.0157

Protanopia

40.0717, 41.6750, 45.9765

Deuteranopia

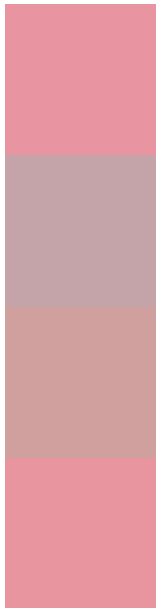
42.0559, 41.2104, 38.0856



Tritanopia

50.3713, 41.1888, 38.5531

Trichromacy



Original Color

50.4592, 41.2239, 39.0157

Protanomaly

43.2018, 41.1513, 43.2021

Deuteranomaly

44.8412, 41.0547, 38.3619

Tritanomaly

50.3713, 41.1888, 38.5531

Monochromacy



Original Color

50.4592, 41.2239, 39.0157

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.6569, 41.9105, 43.8188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4592, 41.2239, 39.0157 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(232, 149, 161)` looks like.

```
.text, #text, p{  
    color:rgb(232, 149, 161)  
}
```

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(232, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 149, 161) }
```

Border

The CSS property to change the border of an element to XYZ 50.4592, 41.2239, 39.0157 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(232, 149, 161) }
```


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

```
.border{ border-color:rgb(232, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(232, 149,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4592, 41.2239, 39.0157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 149, 161) }
```

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

```
.background{ background-color: rgb(232,  
149, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor