

Converting Colors

XYZ(51.5813, 43.3592, 39.6469)

Have a look what the booklet for
XYZ(51.5813, 43.3592, 39.6469)
contains.

XYZ(51.5216, 43.2071, 39.8067)	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(51.5216, 43.2071,
39.8067)**

Conversions

Conversions Part 1

Format	Color
Hex	E89BA2
RGB	232, 155, 162
RGB Percent	91%, 61%, 64%
CMY	0.0902, 0.3921, 0.3647
CMYK	0.00, 0.33, 0.30, 0.09
HSL	355°, 63%, 76%
HSV	355°, 33%, 91%
XYZ	51.5216, 43.2071, 39.8067
YIQ	178.8210, 43.6450, 18.5010

Conversions

Conversions Part 2

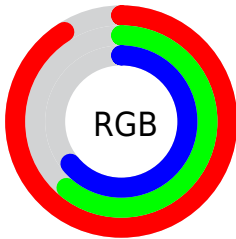
Format	Color
R _Y B	232, 155, 162
Decimal	15244194
CIE Lab	71.70, 29.68, 8.19
CIE LCh	72, 30.793, 15.425
Yxy	43.2071, 0.3830, 0.3212
Android (android.graphics.Color)	4293434274 (0xFFE89BA2)
YUV	178.8210, -8.2928, 46.6380
Hunter-Lab	65.7321, 24.8792, 10.1071

Details

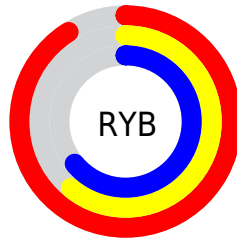
The XYZ color **51.5216, 43.2071, 39.8067** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.9667, 70.1190, 81.8223**, and the grayscale version is **42.7799, 45.0078, 49.0135**.

A 20% lighter version of the original color is **76.8110, 72.3629, 75.5647**, and **25.3439, 19.9402, 17.2649** is the 20% darker color. If you saturate the color by 10%, you get **46.3047, 35.5261, 29.5804**, and if you desaturate by 10%, it is **57.7971, 52.5014, 51.9382**.

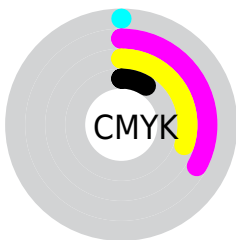
Distribution



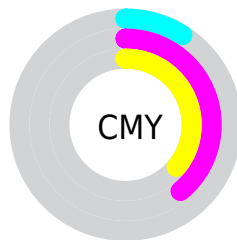
- Red (91%)
- Green (61%)
- Blue (64%)



- Red (91%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (9%)





- Cyan (9%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5216, 43.2071, 39.8067 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 51.5216, 43.2071, 39.8067 by changing the saturation by 10% instead.


 51.5216, 43.2071,
39.8067


 51.5216, 43.2071,
39.8067


382.9413,
359.4628, 360.8360

 36.8466, 30.0476,
27.0752

 91.6037, 80.0233,
76.1029

 25.2619, 19.8748,
17.3968


 117.7416,
104.4488, 100.5048

 16.4020, 12.3040,
10.3529


148.4311,
133.3985, 129.6338

 9.9017, 6.9511,
5.5249

184.0377,
167.2567, 163.9086

 5.3956, 3.4315,
2.4943

224.9266,
206.4078, 203.7477

 2.5183, 1.3610,
0.8371

271.4633,

 0.9045, 0.1877,

251.2363, 249.5696

0.0000

324.0131,
302.1265, 301.7928

0.0000, 0.0000,
0.0000

51.5216, 43.2071,
39.8067

51.5216, 43.2071,
39.8067

46.3047, 35.5261,
29.5804

57.7971, 52.5014,
51.9382

42.0845, 29.3608,
21.1601

65.1815, 63.4872,
66.0623

38.7983, 24.6125,
14.4412

73.7261, 76.2449,
82.2639

36.3746, 21.1683,
9.3075

83.4780, 90.8480,
100.6225

34.7316, 18.8981,
5.6281

87.0888, 95.8958,
108.5274

■ 33.7712, 17.6447,
3.2510

■ 33.4148, 17.2103,
2.2740

Harmonies

Analogous

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



51.5664, 43.2071, 54.6554



51.5216, 43.2071, 39.8067



48.5214, 43.2071, 29.3969

Triad

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



51.5216, 43.2071, 39.8067



34.3246, 43.2071, 29.6179



38.5928, 43.2071, 80.7072

Complementary

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



51.5216, 43.2071, 39.8067



55.9667, 70.1190, 81.8223

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.



34.4181, 43.2071, 70.6342



51.5216, 43.2071, 39.8067



32.0993, 43.2071, 40.1763

Square

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



51.5216, 43.2071, 39.8067



38.4550, 43.2071, 24.4208



32.1320, 43.2071, 55.1119



43.7948, 43.2071, 80.5491

Rectangle

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



51.5216, 43.2071, 39.8067



45.3840, 43.2071, 25.4478



32.1320, 43.2071, 55.1119



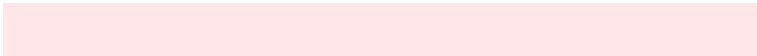
37.0329, 43.2071, 78.3254

Sweetspot

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



51.5228, 43.2092, 39.8076



83.9373, 83.3915, 87.8797



57.1216, 45.1663, 82.0513



17.6573, 17.3886, 18.2232



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.



51.5228, 43.2092, 39.8076



59.1766, 46.6606, 40.1944



56.7132, 54.5577, 38.5545



14.4299, 14.3891, 15.1983



18.5702, 9.5623, 1.3657



1.3906, 0.7140, 0.1976

Inverse Universe

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



51.5228, 43.2092, 39.8076



59.1766, 46.6606, 40.1944



49.0181, 54.6631, 84.3115



14.4299, 14.3891, 15.1983



18.5702, 9.5623, 1.3657



1.3906, 0.7140, 0.1976

Previews

White Background



This preview shows how the XYZ color 51.5216, 43.2071, 39.8067 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 51.5216, 43.2071, 39.8067 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 51.5216, 43.2071, 39.8067

Background



This preview shows how black text looks on a background with the XYZ color 51.5216, 43.2071, 39.8067.



This preview shows how white text looks on a background with the XYZ color 51.5216, 43.2071,

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

51.5216, 43.2071, 39.8067

Protanopia

41.6952, 43.3804, 45.7108

Deuteranopia

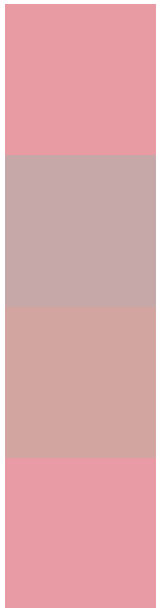
44.1859, 43.3948, 38.8481



Tritanopia

51.7172, 43.0202, 41.6543

Trichromacy



Original Color

51.5216, 43.2071, 39.8067

Protanomaly

44.7173, 43.0120, 43.4814

Deuteranomaly

46.6643, 43.2972, 39.1554

Tritanomaly

51.6258, 42.9836, 41.1730

Monochromacy



Original Color

51.5216, 43.2071, 39.8067

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.2063, 43.7723, 45.6014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5216, 43.2071, 39.8067 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, 155, 162)` looks like.

```
.text, #text, p{  
    color:rgb(232, 155, 162)  
}
```

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, 155, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 155, 162) }
```

Border

The CSS property to change the border of an element to XYZ 51.5216, 43.2071, 39.8067 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, 155, 162) }
```


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

```
.border{ border-color:rgb(232, 155, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 155, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 155, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 155, 162);  
box-shadow:4px 4px 4px 4px rgb(232, 155,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5216, 43.2071, 39.8067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 155, 162) }
```

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

```
.background{ background-color: rgb(232,  
155, 162) }
```

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