

Converting Colors

XYZ(50.5557, 43.6798, 39.9301)

Have a look what the booklet for
XYZ(50.5557, 43.6798, 39.9301)
contains.

XYZ(50.5983, 43.7358, 39.9575)	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(50.5983, 43.7358,
39.9575)**

Conversions

Conversions Part 1

Format	Color
Hex	E39FA2
RGB	227, 159, 162
RGB Percent	89%, 62%, 64%
CMY	0.1098, 0.3764, 0.3647
CMYK	0.00, 0.30, 0.29, 0.11
HSL	357°, 55%, 76%
HSV	357°, 30%, 89%
XYZ	50.5983, 43.7358, 39.9575
YIQ	179.6740, 39.5650, 15.3490

Conversions

Conversions Part 2

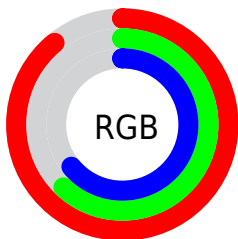
Format	Color
R_{YB}	227, 159, 162
Decimal	14917538
CIE _{Lab}	72.05, 25.70, 8.62
CIE _{LCh}	72, 27.107, 18.551
Yxy	43.7358, 0.3768, 0.3257
Android (android.graphics.Color)	4293107618 (0xFFE39FA2)
YUV	179.6740, -8.7133, 41.5049
Hunter-Lab	66.1330, 20.8373, 10.4702

Details

The XYZ color **50.5983, 43.7358, 39.9575** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2236, 67.6919, 80.6797**, and the grayscale version is **43.2391, 45.4909, 49.5395**.

A 20% lighter version of the original color is **77.8110, 74.3629, 75.8980**, and **24.6497, 20.1872, 17.3492** is the 20% darker color. If you saturate the color by 10%, you get **45.2818, 35.9278, 29.4757**, and if you desaturate by 10%, it is **56.9668, 53.1146, 52.4330**.

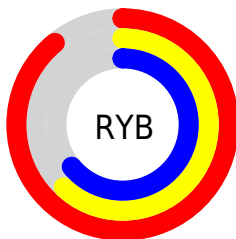
Distribution



Red (89%)

Green (62%)

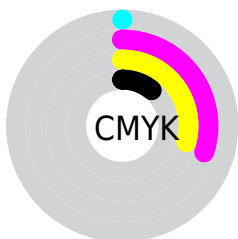
Blue (64%)



Red (89%)

Yellow (62%)

Blue (64%)

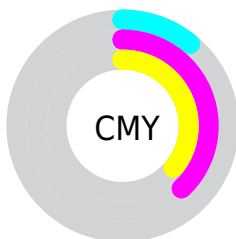


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5983, 43.7358, 39.9575 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 50.5983, 43.7358, 39.9575 by changing the saturation by 10% instead.

 50.5983, 43.7358,
39.9575


 50.5983, 43.7358,
39.9575


379.4145,
361.6291, 361.4912

 36.1088, 30.4629,
27.1919


 90.2472, 80.8200,
76.3352

 24.6887, 20.1902,
17.4837


 116.1374,
105.4001, 100.7843

 15.9728, 12.5334,
10.4143


146.5584,
134.5181, 129.9650

 9.5956, 7.1080,
5.5654

181.8757,
168.5582, 164.2958

 5.1919, 3.5297,
2.5182

222.4546,
207.9050, 204.1953

 2.3962, 1.4142,
0.8498

268.6604,

 0.8432, 0.2271,

252.9428, 250.0820

0.0000

320.8586,
304.0560, 302.3745

■ 0.0000, 0.0000,
0.0000

■ 50.5983, 43.7358,
39.9575

■ 50.5983, 43.7358,
39.9575

■ 45.2818, 35.9278,
29.4757

■ 56.9668, 53.1146,
52.4330

■ 40.9575, 29.5991,
20.8820

■ 64.4361, 64.1370,
66.9954

■ 37.5648, 24.6582,
14.0648

■ 73.0558, 76.8787,
83.7349

■ 35.0351, 21.0009,
8.8998

■ 82.8718, 91.4087,
102.7358

■ 33.2907, 18.5082,
5.2468

■ 85.4887, 95.0709,
108.4525

■ 32.2392, 17.0393,
2.9421

■ 31.7351, 16.3554,
1.7743

■ 31.7334, 16.3529,
1.7711

Harmonies

Analogous

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



50.9246, 43.7358, 52.8657



50.5983, 43.7358, 39.9575



47.7486, 43.7358, 30.9456

Triad

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



50.5983, 43.7358, 39.9575



35.2444, 43.7358, 32.6525



39.8266, 43.7358, 77.2524

Complementary

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



50.5983, 43.7358, 39.9575



55.2236, 67.6919, 80.6797

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.



35.9480, 43.7358, 69.4139



50.5983, 43.7358, 39.9575



33.4367, 43.7358, 42.7349

Square

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



50.5983, 43.7358, 39.9575



38.7997, 43.7358, 27.3003



33.6843, 43.7358, 56.2063



44.4682, 43.7358, 76.1287

Rectangle

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



50.5983, 43.7358, 39.9575



44.9123, 43.7358, 27.6059



33.6843, 43.7358, 56.2063



38.3969, 43.7358, 75.5271

Sweetspot

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



50.5995, 43.7379, 39.9584



84.8274, 84.8881, 89.0507



56.8811, 46.1279, 78.5789



17.8279, 17.6841, 18.4211



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.



50.5995, 43.7379, 39.9584



61.3704, 50.3245, 43.1568



56.2648, 55.4896, 40.5486



14.4026, 14.3782, 15.0545



18.5181, 9.5415, 1.0915



1.3776, 0.7087, 0.1287

Inverse Universe

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



50.5995, 43.7379, 39.9584



61.3704, 50.3245, 43.1568



47.9953, 52.5794, 80.2925



14.4026, 14.3782, 15.0545



18.5181, 9.5415, 1.0915



1.3776, 0.7087, 0.1287

Previews

White Background



This preview shows how the XYZ color 50.5983, 43.7358, 39.9575 looks on a white background.

Color Contrast Check

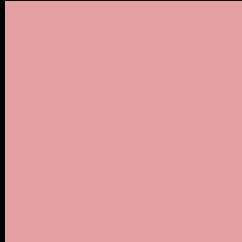
Large Text (above 18pt) WCAG AA × Fail

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 50.5983, 43.7358, 39.9575 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 50.5983, 43.7358, 39.9575

Background



This preview shows how black text looks on a background with the XYZ color 50.5983, 43.7358, 39.9575.



This preview shows how white text looks on a background with the XYZ color 50.5983, 43.7358,

39.9575.

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

50.5983, 43.7358, 39.9575

Protanopia

41.9321, 43.8147, 44.7751

Deuteranopia

44.7275, 43.9432, 39.3822



Tritanopia

51.4775, 43.8500, 43.7809

Trichromacy



Original Color

50.5983, 43.7358, 39.9575

Protanomaly

44.7313, 43.5824, 43.1004

Deuteranomaly

46.8301, 43.9123, 39.7259

Tritanomaly

51.1968, 43.7377, 42.3031

Monochromacy



Original Color

50.5983, 43.7358, 39.9575

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.3213, 44.3925, 45.7151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5983, 43.7358, 39.9575 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(227, 159, 162)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 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(227, 159, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 162) }
```

Border

The CSS property to change the border of an element to XYZ 50.5983, 43.7358, 39.9575 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(227, 159, 162) }
```


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

```
.border{ border-color:rgb(227, 159, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 162);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5983, 43.7358, 39.9575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 162) }
```

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

```
.background{ background-color: rgb(227,  
159, 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](#).

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