

Converting Colors

XYZ(53.4814, 39.8957, 63.8837)

Have a look what the booklet for
XYZ(53.4814, 39.8957, 63.8837)
contains.

XYZ(53.4501, 39.9592, 63.9272)	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(53.4501, 39.9592,
63.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	E78BCF
RGB	231, 139, 207
RGB Percent	91%, 55%, 81%
CMY	0.0941, 0.4549, 0.1882
CMYK	0.00, 0.40, 0.10, 0.09
HSL	316°, 66%, 73%
HSV	316°, 40%, 91%
XYZ	53.4501, 39.9592, 63.9272
YIQ	174.2600, 33.0040, 40.6520

Conversions

Conversions Part 2

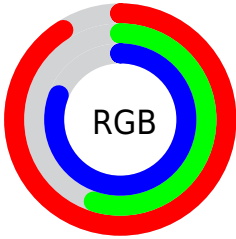
Format	Color
R _Y B	231, 139, 207
Decimal	15174607
CIE Lab	69.44, 44.43, -20.16
CIE LCh	69, 48.787, 335.593
Yxy	39.9592, 0.3397, 0.2540
Android (android.graphics.Color)	4293364687 (0xFFE78BCF)
YUV	174.2600, 16.1408, 49.7610
Hunter-Lab	63.2133, 40.3077, -15.7103

Details

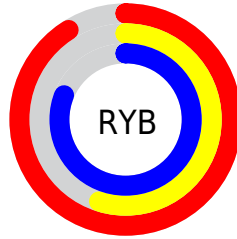
The XYZ color **53.4501, 39.9592, 63.9272** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.8360, 65.2864, 44.8389**, and the grayscale version is **40.2746, 42.3721, 46.1432**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **26.5331, 17.9542, 32.2040** is the 20% darker color. If you saturate the color by 10%, you get **49.7294, 33.6740, 59.1212**, and if you desaturate by 10%, it is **57.9080, 47.6726, 69.1185**.

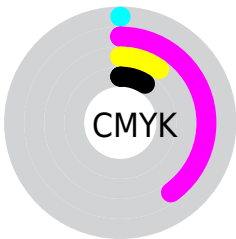
Distribution



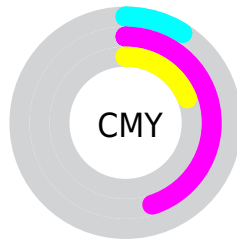
- Red (91%)
- Green (55%)
- Blue (81%)



- Red (91%)
- Yellow (55%)
- Blue (81%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4501, 39.9592, 63.9272 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 53.4501, 39.9592, 63.9272 by changing the saturation by 10% instead.


 53.4501, 39.9592,
63.9272


 53.4501, 39.9592,
63.9272


390.2422,
345.9516, 457.1269


 38.3911, 27.5067,
46.1459

 94.4280, 75.1014,
112.1045

 26.4650, 17.9542,
32.0115


 121.0776, 98.5599,
143.3377

 17.3063, 10.9171,
21.1054


 152.3215,
126.4559, 179.8918

 10.5498, 6.0111,
13.0091

188.5250,
159.1737, 222.1856

 5.8300, 2.8518,
7.3040

230.0535,
197.0978, 270.6374

 2.7817, 1.0549,
3.5716

277.2723,

 1.0394, 0.0000,

240.6125, 325.6659

1.3934

330.5467,
290.1023, 387.6895

■ 0.0000, 0.0000,
0.1366

■ 0.0000, 0.0000,
0.0000

■ 53.4501, 39.9592,
63.9272

■ 53.4501, 39.9592,
63.9272

■ 49.7294, 33.6740,
59.1212

■ 57.9080, 47.6726,
69.1185

■ 46.6970, 28.7215,
54.6814

■ 63.1406, 56.8906,
74.7080

■ 44.3038, 25.0034,
50.5904

■ 69.1874, 67.6909,
80.7106

■ 42.4924, 22.4052,
46.8274

■ 76.0839, 80.1441,
87.1396

41.1945, 20.7912,
43.3681

83.8635, 94.3167,
94.0077

40.2953, 19.9321,
40.1726

84.9171, 94.9898,
98.7797

40.2809, 19.9193,
40.1181

85.8432, 95.3603,
103.6568

86.7653, 95.7291,
108.5123

Harmonies

Analogous

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



47.4600, 39.9592, 88.9774



53.4501, 39.9592, 63.9272



55.0699, 39.9592, 39.4300

Triad

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



53.4501, 39.9592, 63.9272



36.5278, 39.9592, 13.1088



26.9807, 39.9592, 73.8304

Complementary

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



53.4501, 39.9592, 63.9272



45.8360, 65.2864, 44.8389

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.



24.8513, 39.9592, 47.8596



53.4501, 39.9592, 63.9272



29.8548, 39.9592, 16.9737

Square

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



53.4501, 39.9592, 63.9272



44.5647, 39.9592, 14.8221



25.8263, 39.9592, 27.9793



32.0782, 39.9592, 95.9398

Rectangle

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



53.4501, 39.9592, 63.9272



53.2844, 39.9592, 27.3791



25.8263, 39.9592, 27.9793



25.9286, 39.9592, 64.9816

Sweetspot

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



53.4513, 39.9610, 63.9280



84.7944, 81.5030, 99.2719



38.5586, 31.9184, 79.7306



17.9306, 17.0531, 21.0340



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.



53.4513, 39.9610, 63.9280



62.9013, 43.2571, 74.8940



48.7108, 38.0648, 38.9645



14.8261, 14.5476, 17.2848



22.6352, 11.1883, 22.7719



1.7102, 0.8418, 1.8804

Inverse Universe

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



53.4513, 39.9610, 63.9280



62.9013, 43.2571, 74.8940



50.6100, 67.1960, 69.9786



14.8261, 14.5476, 17.2848



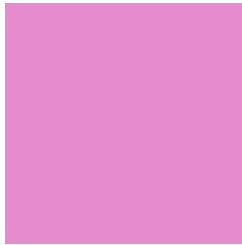
22.6352, 11.1883, 22.7719



1.7102, 0.8418, 1.8804

Previews

White Background



This preview shows how the XYZ color 53.4501, 39.9592, 63.9272 looks on a white background.

Color Contrast Check

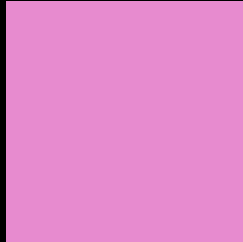
Large Text (above 18pt) WCAG AA × Fail

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 53.4501, 39.9592, 63.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

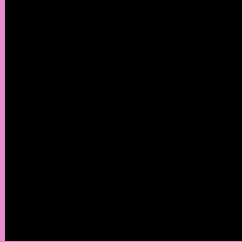
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4501, 39.9592, 63.9272

Background



This preview shows how black text looks on a background with the XYZ color 53.4501, 39.9592, 63.9272.



This preview shows how white text looks on a background with the XYZ color 53.4501, 39.9592,

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

53.4501, 39.9592, 63.9272

Protanopia

41.1431, 40.3790, 79.0242

Deuteranopia

41.0915, 40.1946, 61.4697



Tritanopia

47.9864, 39.7254, 38.3963

Trichromacy



Original Color

53.4501, 39.9592, 63.9272



Protanomaly

44.0313, 39.1050, 72.9375



Deuteranomaly

44.7799, 39.4740, 62.3858



Tritanomaly

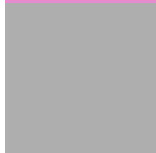
49.7398, 39.7560, 46.6471

Monochromacy



Original Color

53.4501, 39.9592, 63.9272



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

44.1135, 40.6370, 51.9731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4501, 39.9592, 63.9272 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(231, 139, 207)` looks like.

```
.text, #text, p{  
    color:rgb(231, 139, 207)  
}
```

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(231, 139, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 139, 207) }
```

Border

The CSS property to change the border of an element to XYZ 53.4501, 39.9592, 63.9272 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(231, 139, 207) }
```


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

```
.border{ border-color:rgb(231, 139, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 139, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 139, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 139, 207);  
box-shadow:4px 4px 4px 4px rgb(231, 139,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4501, 39.9592, 63.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 139, 207) }
```

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

```
.background{ background-color: rgb(231,  
139, 207) }
```

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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