

# Converting Colors

XYZ(42.9500, 26.9579, 39.3302)

Have a look what the booklet for  
XYZ(42.9500, 26.9579, 39.3302)  
contains.

<b>XYZ(43.1153, 27.1023, 39.5181)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(43.1153, 27.1023,  
39.5181)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E55CA7
RGB	229, 92, 167
RGB Percent	90%, 36%, 65%
CMY	0.1020, 0.6392, 0.3451
CMYK	0.00, 0.60, 0.27, 0.10
HSL	327°, 72%, 63%
HSV	327°, 60%, 90%
XYZ	43.1153, 27.1023, 39.5181
YIQ	141.5130, 57.5770, 52.3690

# Conversions

## Conversions Part 2

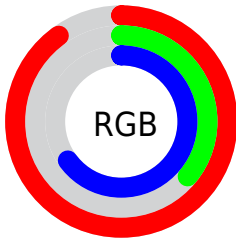
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	229, 92, 167
Decimal	15031463
CIE <sub>Lab</sub>	59.07, 60.61, -13.23
CIE <sub>LCh</sub>	59, 62.035, 347.683
Yxy	27.1023, 0.3929, 0.2470
Android (android.graphics.Color)	4293221543 (0xFFE55CA7)
YUV	141.5130, 12.5651, 76.7261
Hunter-Lab	52.0599, 56.7266, -8.5645

# Details

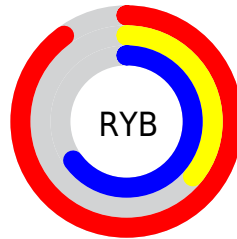
The XYZ color **43.1153, 27.1023, 39.5181** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **38.2671, 60.6478, 40.2642**, and the grayscale version is **25.4563, 26.7820, 29.1656**.

A 20% lighter version of the original color is **65.0147, 47.7137, 74.8903**, and **20.1363, 10.7124, 17.2261** is the 20% darker color. If you saturate the color by 10%, you get **40.5028, 23.3495, 34.1081**, and if you desaturate by 10%, it is **46.4056, 32.0873, 45.5334**.

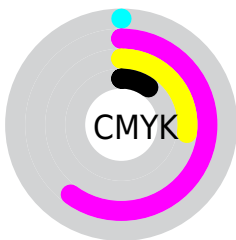
# Distribution



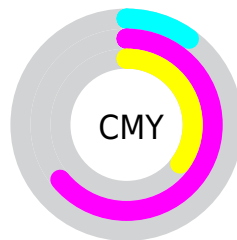
- Red (90%)
- Green (36%)
- Blue (65%)



- Red (90%)
- Yellow (36%)
- Blue (65%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (10%)




- Cyan (10%)
- Magenta (64%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1153, 27.1023, 39.5181 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 43.1153, 27.1023, 39.5181 by changing the saturation by 10% instead.





 43.1153, 27.1023,  
39.5181


 43.1153, 27.1023,  
39.5181

349.9992,  
288.1521, 359.5797


 30.1705, 17.6501,  
26.8521


 79.1395, 55.0480,  
75.6582


 20.1168, 10.6990,  
17.2307


 102.9495, 74.3102,  
99.9693

 12.5887, 5.8648,  
10.2354


 131.1121, 97.6113,  
128.9993

 7.2210, 2.7631,  
5.4477

 163.9924,  
125.3355, 163.1665

 3.6482, 1.0093,  
2.4490

201.9560,  
157.8673, 202.8897

 1.5051, 0.0000,  
0.8129

245.3680,

 0.3293, 0.0000,

195.5910, 248.5872

0.0000

294.5940,  
238.8912, 300.6777

■ 0.0000, 0.0000,  
0.0000

■ 43.1153, 27.1023,  
39.5181

■ 43.1153, 27.1023,  
39.5181

■ 40.5028, 23.3495,  
34.1081

■ 46.4056, 32.0873,  
45.5334

■ 38.5079, 20.7121,  
29.2737

■ 50.4219, 38.3990,  
52.1779

■ 37.0632, 19.0581,  
24.9837

■ 55.2107, 46.1272,  
59.4756

■ 36.0542, 18.1615,  
21.1902

■ 60.8137, 55.3528,  
67.4484

■ 36.0380, 18.1480,  
21.1265

■ 67.2695, 66.1505,  
76.1169

■ 74.6141, 78.5900,  
85.5008

■ 82.8815, 92.7367,  
95.6186

■ 85.3148, 95.0747,  
104.2253

■ 86.1232, 95.3981,  
108.4822

# Harmonies

## Analogous

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



38.3418, 27.1023, 68.2850



43.1153, 27.1023, 39.5181



42.6112, 27.1023, 18.4064

# Triad

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



43.1153, 27.1023, 39.5181



21.5165, 27.1023, 4.7338



17.0175, 27.1023, 73.3185

# Complementary

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



43.1153, 27.1023, 39.5181



38.2671, 60.6478, 40.2642

# 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.



14.0655, 27.1023, 44.3661



43.1153, 27.1023, 39.5181



16.2842, 27.1023, 9.1698

# Square

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



43.1153, 27.1023, 39.5181



29.0514, 27.1023, 4.4367



13.8270, 27.1023, 21.3523



22.7269, 27.1023, 93.4065



# Rectangle

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



43.1153, 27.1023, 39.5181



39.3543, 27.1023, 10.4290



13.8270, 27.1023, 21.3523



15.7236, 27.1023, 63.7899

# Sweetspot

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



43.1161, 27.1037, 39.5186



78.9489, 72.8636, 87.9159



31.2314, 20.1489, 76.3721



16.4150, 14.7930, 18.1511



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.



43.1161, 27.1037, 39.5186



50.9562, 28.7925, 41.8548



38.3863, 25.2118, 14.6117



14.7054, 14.4994, 16.6492



20.6662, 10.4007, 12.4032



1.5739, 0.7873, 1.1625



# Inverse Universe

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



43.1161, 27.1037, 39.5186



50.9562, 28.7925, 41.8548



45.6388, 63.5965, 79.0831



14.7054, 14.4994, 16.6492



20.6662, 10.4007, 12.4032



1.5739, 0.7873, 1.1625



# Previews

## White Background



This preview shows how the XYZ color 43.1153, 27.1023, 39.5181 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

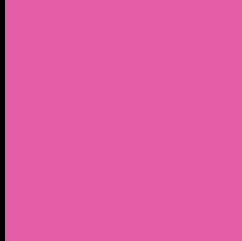
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.1153, 27.1023, 39.5181 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

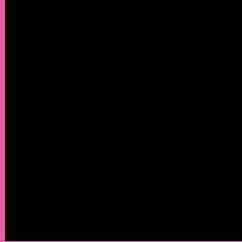
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# XYZ 43.1153, 27.1023, 39.5181

## Background



This preview shows how black text looks on a background with the XYZ color 43.1153, 27.1023, 39.5181.



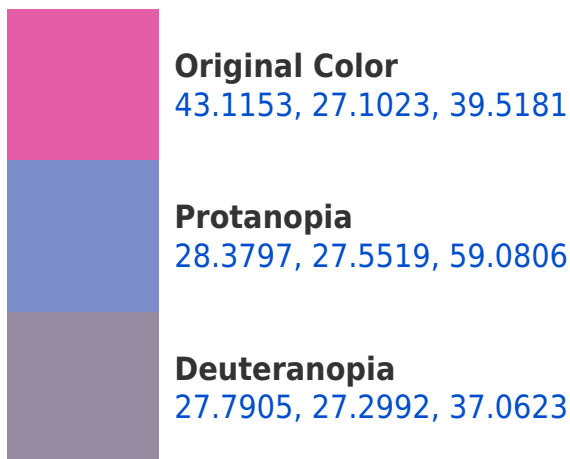
This preview shows how white text looks on a background with the XYZ color 43.1153, 27.1023,



# 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





## Tritanopia

38.7167, 27.1203, 18.5234

# Trichromacy



## Original Color

43.1153, 27.1023, 39.5181



## Protanomaly

31.1686, 25.5214, 51.4275



## Deuteranomaly

31.7019, 25.9105, 37.9807



## Tritanomaly

40.0861, 26.9490, 24.9187

# Monochromacy



## Original Color

43.1153, 27.1023, 39.5181



## Achromatopsia

25.7108, 27.0498, 29.4572



## Achromatomaly

30.2491, 25.6483, 32.6345

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.1153, 27.1023, 39.5181 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, 92, 167)` looks like.

```
.text, #text, p{  
    color:rgb(229, 92, 167)  
}
```

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, 92, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 92, 167) }
```

## Border

The CSS property to change the border of an element to XYZ 43.1153, 27.1023, 39.5181 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, 92, 167) }
```



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

```
.border{ border-color:rgb(229, 92, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 92, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 92, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 92, 167);  
box-shadow:4px 4px 4px 4px rgb(229, 92,  
167) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.1153, 27.1023, 39.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 92, 167) }
```

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

```
.background{ background-color: rgb(229, 92,  
167) }
```

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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