

# Converting Colors

XYZ(42.4308, 26.9313, 37.1443)

Have a look what the booklet for  
XYZ(42.4308, 26.9313, 37.1443)  
contains.

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# Color

**XYZ(42.4308, 26.9313,  
37.1443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E45DA2
RGB	228, 93, 162
RGB Percent	89%, 36%, 64%
CMY	0.1059, 0.6353, 0.3647
CMYK	0.00, 0.59, 0.29, 0.11
HSL	329°, 71%, 63%
HSV	329°, 59%, 89%
XYZ	42.4308, 26.9313, 37.1443
YIQ	141.2310, 58.3110, 50.0790

# Conversions

## Conversions Part 2

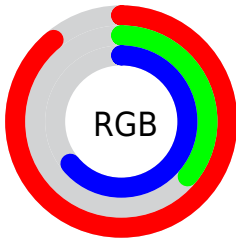
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 93, 162
Decimal	14966178
CIE Lab	58.91, 59.24, -10.59
CIE LCh	59, 60.184, 349.865
Yxy	26.9313, 0.3984, 0.2529
Android (android.graphics.Color)	4293156258 (0xFFE45DA2)
YUV	141.2310, 10.2391, 76.0964
Hunter-Lab	51.8954, 55.1286, -6.1103

# Details

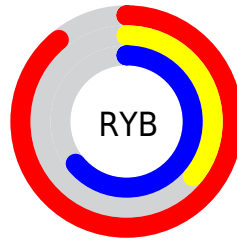
The XYZ color **42.4308, 26.9313, 37.1443** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **38.5170, 60.3179, 42.4166**, and the grayscale version is **25.3542, 26.6746, 29.0486**.

A 20% lighter version of the original color is **64.5118, 47.7646, 71.4650**, and **19.6932, 10.5938, 15.7587** is the 20% darker color. If you saturate the color by 10%, you get **39.7721, 23.1299, 31.5840**, and if you desaturate by 10%, it is **45.7753, 31.9633, 43.3671**.

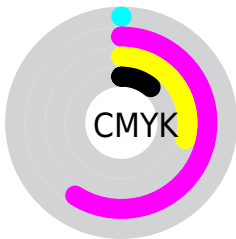
# Distribution



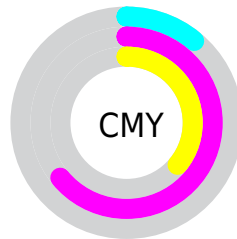
- Red (89%)
- Green (36%)
- Blue (64%)



- Red (89%)
- Yellow (36%)
- Blue (64%)



- Cyan (0%)
- Magenta (59%)
- Yellow (29%)
- Black (11%)




- Cyan (11%)
- Magenta (64%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4308, 26.9313, 37.1443 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 42.4308, 26.9313, 37.1443 by changing the saturation by 10% instead.





 42.4308, 26.9313,  
37.1443


 42.4308, 26.9313,  
37.1443


347.2270,  
287.3243, 349.1223


 29.6313, 17.5216,  
25.0226


 78.1123, 54.7736,  
71.9835


 19.7056, 10.6071,  
15.8747

 101.7250, 73.9750,  
95.5380

 12.2883, 5.8033,  
9.2821


 129.6729, 97.2092,  
123.7405

 7.0139, 2.7258,  
4.8263

 162.3213,  
124.8604, 157.0096

 3.5172, 0.9903,  
2.0888

200.0356,  
157.3132, 195.7638

 1.4328, 0.0000,  
0.6091

243.1810,

 0.2794, 0.0000,

194.9518, 240.4216

0.0000

292.1230,  
238.1607, 291.4016

■ 0.0000, 0.0000,  
0.0000

■ 42.4308, 26.9313,  
37.1443

■ 42.4308, 26.9313,  
37.1443

■ 39.7721, 23.1299,  
31.5840

■ 45.7753, 31.9633,  
43.3671

■ 37.7398, 20.4446,  
26.6546

■ 49.8535, 38.3189,  
50.2784

■ 36.2674, 18.7459,  
22.3223

■ 54.7116, 46.0866,  
57.9043

■ 35.2497, 17.8273,  
18.5399

■ 60.3909, 55.3462,  
66.2686

■ 35.1781, 17.7673,  
18.2598

■ 66.9300, 66.1715,  
75.3939

■ 74.3649, 78.6312,  
85.3016

■ 82.7293, 92.7902,  
96.0122

■ 85.1957, 94.9903,  
105.2588

■ 85.8049, 95.2340,  
108.4673

# Harmonies

## Analogous

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



38.1739, 26.9313, 64.4778



42.4308, 26.9313, 37.1443



41.5567, 26.9313, 17.4832

# Triad

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



42.4308, 26.9313, 37.1443



21.0351, 26.9313, 5.1982



17.4353, 26.9313, 73.1544

# Complementary

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



42.4308, 26.9313, 37.1443



38.5170, 60.3179, 42.4166

# 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.



14.3577, 26.9313, 45.5754



42.4308, 26.9313, 37.1443



16.1397, 26.9313, 10.0424

# Square

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



42.4308, 26.9313, 37.1443



28.1995, 26.9313, 4.6507



13.9345, 26.9313, 22.6858



23.1605, 26.9313, 91.0167



# Rectangle

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



42.4308, 26.9313, 37.1443



38.2303, 26.9313, 10.1148



13.9345, 26.9313, 22.6858



16.1079, 26.9313, 64.2286

# Sweetspot

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



42.4316, 26.9327, 37.1448



78.7100, 72.7680, 86.6580



32.0692, 20.7263, 75.7092



16.3567, 14.7697, 17.8445



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.



42.4316, 26.9327, 37.1448



50.6127, 28.9218, 39.2237



37.9872, 25.1549, 13.7412



14.6829, 14.4903, 16.5305



20.3733, 10.2835, 10.8605



1.5524, 0.7787, 1.0496



# Inverse Universe

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



42.4316, 26.9327, 37.1448



50.6127, 28.9218, 39.2237



45.9516, 63.2917, 81.5666



14.6829, 14.4903, 16.5305



20.3733, 10.2835, 10.8605



1.5524, 0.7787, 1.0496



# Previews

## White Background



This preview shows how the XYZ color 42.4308, 26.9313, 37.1443 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 42.4308, 26.9313, 37.1443 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

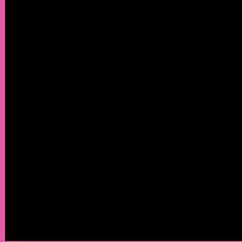
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 42.4308, 26.9313, 37.1443**

## **Background**



This preview shows how black text looks on a background with the XYZ color 42.4308, 26.9313, 37.1443.



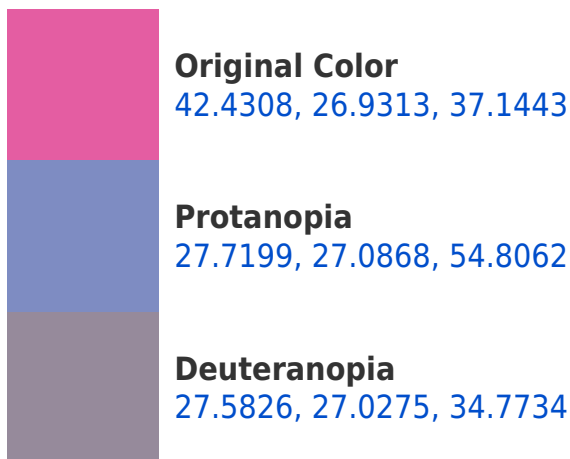
This preview shows how white text looks on a background with the XYZ color 42.4308, 26.9313,



# 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

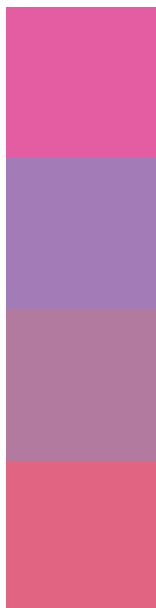




## Tritanopia

38.5600, 26.8956, 18.1980

# Trichromacy



## Original Color

42.4308, 26.9313, 37.1443

## Protanomaly

30.6307, 25.3298, 47.5307

## Deuteranomaly

31.4912, 25.8527, 35.6780

## Tritanomaly

39.6378, 26.7336, 24.1901

# Monochromacy



## Original Color

42.4308, 26.9313, 37.1443

## Achromatopsia

25.3171, 26.6356, 29.0061

## Achromatomaly

29.8660, 25.4695, 31.7758

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 42.4308, 26.9313, 37.1443 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(228, 93, 162)` looks like.

```
.text, #text, p{  
    color:rgb(228, 93, 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(228, 93, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 93, 162) }
```

## Border

The CSS property to change the border of an element to XYZ 42.4308, 26.9313, 37.1443 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(228, 93, 162) }
```



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

```
.border{ border-color:rgb(228, 93, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 93, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 93, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 93, 162);  
box-shadow:4px 4px 4px 4px rgb(228, 93,  
162) }
```

# Background

The CSS property to change the background color of an element to XYZ 42.4308, 26.9313, 37.1443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 93, 162) }
```

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

```
.background{ background-color: rgb(228, 93,  
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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