

# Converting Colors

XYZ(43.2157, 25.6990, 50.8652)

Have a look what the booklet for  
XYZ(43.2157, 25.6990, 50.8652)  
contains.

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# Color

**XYZ(43.2539, 25.7163,  
50.8281)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E152BD
RGB	225, 82, 189
RGB Percent	88%, 32%, 74%
CMY	0.1176, 0.6784, 0.2588
CMYK	0.00, 0.64, 0.16, 0.12
HSL	315°, 70%, 60%
HSV	315°, 64%, 88%
XYZ	43.2539, 25.7163, 50.8281
YIQ	136.9550, 50.8810, 63.5930

# Conversions

## Conversions Part 2

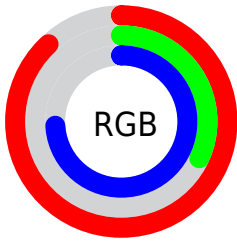
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 82, 189
Decimal	14766781
CIE Lab	57.77, 66.63, -27.96
CIE LCh	58, 72.261, 337.233
Yxy	25.7163, 0.3611, 0.2147
Android (android.graphics.Color)	4292956861 (0xFFE152BD)
YUV	136.9550, 25.6582, 77.2155
Hunter-Lab	50.7112, 63.5060, -23.9288

# Details

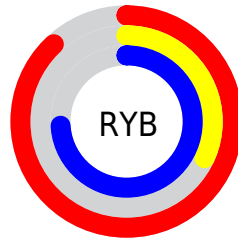
The XYZ color **43.2539, 25.7163, 50.8281** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **33.6762, 56.9531, 26.3602**, and the grayscale version is **23.6549, 24.8868, 27.1017**.

A 20% lighter version of the original color is **67.2526, 46.6700, 92.6524**, and **20.1316, 9.9214, 23.7756** is the 20% darker color. If you saturate the color by 10%, you get **41.2239, 22.6209, 47.1768**, and if you desaturate by 10%, it is **45.8656, 29.9358, 54.7923**.

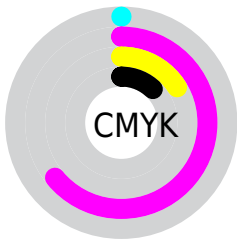
# Distribution



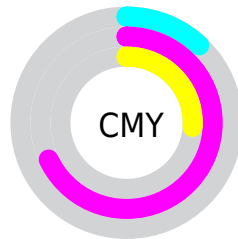
- Red (88%)
- Green (32%)
- Blue (74%)



- Red (88%)
- Yellow (32%)
- Blue (74%)



- Cyan (0%)
- Magenta (64%)
- Yellow (16%)
- Black (12%)



- Cyan (12%)
- Magenta (68%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2539, 25.7163, 50.8281 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 43.2539, 25.7163, 50.8281 by changing the saturation by 10% instead.



43.2539, 25.7163,  
50.8281

43.2539, 25.7163,  
50.8281

350.5587,  
281.3866, 406.7230

30.2798, 16.6115,  
35.6960

79.3472, 52.8169,  
92.8095

20.2002, 9.9579,  
23.9117

103.1971, 71.5815,  
120.4960

12.6497, 5.3711,  
15.0565

131.4029, 94.3349,  
153.2043

7.2631, 2.4666,  
8.7120

164.3300,  
121.4614, 191.3530

3.6750, 0.8598,  
4.4596

202.3438,  
153.3454, 235.3607

1.5200, 0.0000,  
1.8807

245.8096,

0.3394, 0.0000,

190.3714, 285.6460

0.4804

295.0928,  
232.9236, 342.6272

■ 0.0000, 0.0000,  
0.0000

■ 43.2539, 25.7163,  
50.8281

■ 43.2539, 25.7163,  
50.8281

■ 41.2239, 22.6209,  
47.1768

■ 45.8656, 29.9358,  
54.7923

■ 39.7162, 20.5324,  
43.8165

■ 49.1058, 35.3740,  
59.0856

■ 38.6625, 19.3143,  
40.7233

■ 53.0194, 42.1196,  
63.7244

■ 38.1524, 18.8480,  
38.8461

■ 57.6463, 50.2521,  
68.7234

■ 63.0231, 59.8444,  
74.0961

69.1842, 70.9647,  
79.8550

76.1615, 83.6765,  
86.0120

81.7085, 93.4864,  
91.8196

82.5370, 93.8179,  
96.1828

# Harmonies

## Analogous

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



35.9758, 25.7163, 85.7800



43.2539, 25.7163, 50.8281



44.9819, 25.7163, 22.4111

# Triad

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



43.2539, 25.7163, 50.8281



22.4038, 25.7163, 2.3266



13.4305, 25.7163, 67.9429

# Complementary

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



43.2539, 25.7163, 50.8281



33.6762, 56.9531, 26.3602

# 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.



11.3576, 25.7163, 34.4501



43.2539, 25.7163, 50.8281



15.6824, 25.7163, 4.5990

# Square

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



43.2539, 25.7163, 50.8281



31.4752, 25.7163, 3.0220



12.0715, 25.7163, 13.2947



18.5442, 25.7163, 99.0901



# Rectangle

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



43.2539, 25.7163, 50.8281



42.4558, 25.7163, 11.3467



12.0715, 25.7163, 13.2947



12.4177, 25.7163, 56.0115

# Sweetspot

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



43.2547, 25.7176, 50.8286



79.5917, 72.1270, 94.3644



24.0467, 15.3066, 72.9216



16.6084, 14.6776, 19.7643



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.



43.2547, 25.7176, 50.8286



54.0854, 29.0853, 61.2889



37.3249, 23.3456, 19.6026



14.1399, 13.8736, 16.5068



22.0343, 10.8807, 22.6442



1.5626, 0.7683, 1.7553



# Inverse Universe

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



43.2547, 25.7176, 50.8286



54.0854, 29.0853, 61.2889



39.6184, 59.3300, 57.6516



14.1399, 13.8736, 16.5068



22.0343, 10.8807, 22.6442



1.5626, 0.7683, 1.7553



# Previews

## White Background



This preview shows how the XYZ color 43.2539, 25.7163, 50.8281 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

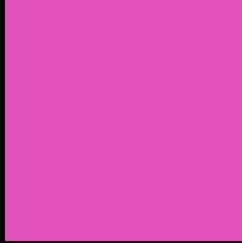
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.2539, 25.7163, 50.8281 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

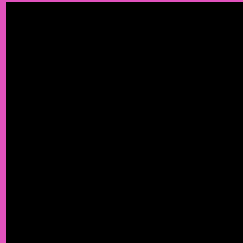
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 43.2539, 25.7163, 50.8281**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.2539, 25.7163, 50.8281.



This preview shows how white text looks on a background with the XYZ color 43.2539, 25.7163,



# 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

43.2539, 25.7163, 50.8281

### Protanopia

28.6577, 26.1442, 80.6267

### Deuteranopia

26.6462, 26.0528, 47.3403



## Tritanopia

36.2800, 25.5780, 17.7767

# Trichromacy



## Original Color

43.2539, 25.7163, 50.8281



## Protanomaly

30.4468, 23.5203, 68.5808



## Deuteranomaly

30.5301, 24.1826, 48.4060



## Tritanomaly

38.2676, 25.2641, 27.2856

# Monochromacy



## Original Color

43.2539, 25.7163, 50.8281



## Achromatopsia

23.7775, 25.0158, 27.2422



## Achromatomaly

28.7242, 23.5579, 34.4857

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.2539, 25.7163, 50.8281 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(225, 82, 189)` looks like.

```
.text, #text, p{  
    color:rgb(225, 82, 189)  
}
```

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(225, 82, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 82, 189) }
```

## Border

The CSS property to change the border of an element to XYZ 43.2539, 25.7163, 50.8281 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(225, 82, 189) }
```



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

```
.border{ border-color:rgb(225, 82, 189) }
```

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

Here you see how a box with a 4 pixel rgb(225, 82, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 82, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 82, 189);  
box-shadow:4px 4px 4px 4px rgb(225, 82,  
189) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.2539, 25.7163, 50.8281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 82, 189) }
```

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

```
.background{ background-color: rgb(225, 82,  
189) }
```

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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