

Converting Colors

XYZ(43.0323, 25.5671, 50.9212)

Have a look what the booklet for
XYZ(43.0323, 25.5671, 50.9212)
contains.

XYZ(42.9431, 25.5560, 50.8136)	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(42.9431, 25.5560,
50.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	E052BD
RGB	224, 82, 189
RGB Percent	88%, 32%, 74%
CMY	0.1216, 0.6784, 0.2588
CMYK	0.00, 0.63, 0.16, 0.12
HSL	315°, 70%, 60%
HSV	315°, 63%, 88%
XYZ	42.9431, 25.5560, 50.8136
YIQ	136.6560, 50.2850, 63.3810

Conversions

Conversions Part 2

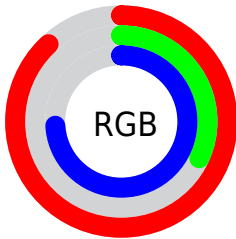
Format	Color
R _Y B	224, 82, 189
Decimal	14701245
CIE Lab	57.61, 66.37, -28.21
CIE LCh	58, 72.117, 336.970
Yxy	25.5560, 0.3599, 0.2142
Android (android.graphics.Color)	4292891325 (0xFFE052BD)
YUV	136.6560, 25.8056, 76.6007
Hunter-Lab	50.5529, 63.1624, -24.2086

Details

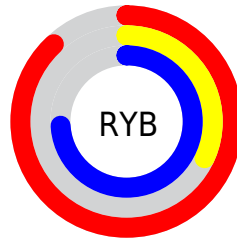
The XYZ color **42.9431, 25.5560, 50.8136** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **33.3475, 56.3905, 25.9588**, and the grayscale version is **23.5419, 24.7679, 26.9723**.

A 20% lighter version of the original color is **67.1072, 46.3791, 92.6039**, and **19.9336, 9.8354, 23.7695** is the 20% darker color. If you saturate the color by 10%, you get **40.9333, 22.4770, 47.2427**, and if you desaturate by 10%, it is **45.5285, 29.7488, 54.6893**.

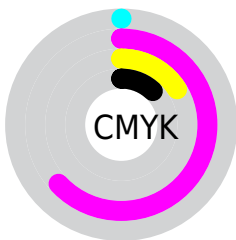
Distribution



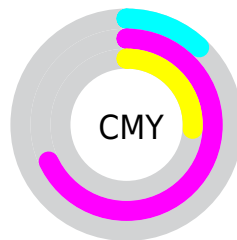
- Red (88%)
- Green (32%)
- Blue (74%)



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



- Cyan (0%)
- Magenta (63%)
- Yellow (16%)
- Black (12%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9431, 25.5560, 50.8136 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 42.9431, 25.5560, 50.8136 by changing the saturation by 10% instead.


 42.9431, 25.5560,
50.8136


 42.9431, 25.5560,
50.8136


349.3032,
280.5957, 406.6650

 30.0348, 16.4918,
35.6846


 78.8812, 52.5578,
92.7879


 20.0132, 9.8728,
23.9029


 102.6418, 71.2642,
120.4702

 12.5130, 5.3147,
15.0501


 130.7505, 93.9533,
153.1740

 7.1687, 2.4331,
8.7075

 163.5726,
121.0098, 191.3180

 3.6151, 0.8428,
4.4567

201.4736,
152.8178, 235.3205

 1.4868, 0.0000,
1.8791

244.8188,

 0.3168, 0.0000,

189.7619, 285.6001

0.4794

293.9736,
232.2264, 342.5754

■ 0.0000, 0.0000,
0.0000

■ 42.9431, 25.5560,
50.8136

■ 42.9431, 25.5560,
50.8136

■ 40.9333, 22.4770,
47.2427

■ 45.5285, 29.7488,
54.6893

■ 39.4404, 20.3961,
43.9553

■ 48.7357, 35.1486,
58.8859

■ 38.3972, 19.1790,
40.9279

■ 52.6088, 41.8431,
63.4195

■ 37.8821, 18.7040,
39.0447

■ 57.1874, 49.9108,
68.3044

■ 62.5076, 59.4238,
73.5539

■ 68.6033, 70.4492,
79.1803

■ 75.5061, 83.0500,
85.1954

■ 81.2333, 93.2605,
90.9394

■ 82.0355, 93.5813,
95.1634

Harmonies

Analogous

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



35.6742, 25.5560, 85.5310



42.9431, 25.5560, 50.8136



44.7181, 25.5560, 22.4580

Triad

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



42.9431, 25.5560, 50.8136



22.3354, 25.5560, 2.3061



13.3151, 25.5560, 67.2106

Complementary

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



42.9431, 25.5560, 50.8136



33.3475, 56.3905, 25.9588

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.



11.2802, 25.5560, 33.9880



42.9431, 25.5560, 50.8136



15.6291, 25.5560, 4.5299

Square

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



42.9431, 25.5560, 50.8136



31.3629, 25.5560, 3.0214



12.0138, 25.5560, 13.0888



18.3698, 25.5560, 98.2853

Rectangle

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



42.9431, 25.5560, 50.8136



42.2434, 25.5560, 11.3815



12.0138, 25.5560, 13.0888



12.3173, 25.5560, 55.3579

Sweetspot

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



42.9439, 25.5573, 50.8141



79.6303, 72.1424, 94.5674



23.5610, 15.0718, 72.1890



16.6178, 14.6813, 19.8138



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.



42.9439, 25.5573, 50.8141



54.2101, 29.1351, 61.9454



37.1410, 23.2361, 20.2561



14.1431, 13.8749, 16.5236



22.0978, 10.9061, 22.9788



1.5665, 0.7699, 1.7760

Inverse Universe

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



42.9439, 25.5573, 50.8141



54.2101, 29.1351, 61.9454



39.0136, 58.6569, 55.7958



14.1431, 13.8749, 16.5236



22.0978, 10.9061, 22.9788



1.5665, 0.7699, 1.7760

Previews

White Background



This preview shows how the XYZ color 42.9431, 25.5560, 50.8136 looks on a white background.

Color Contrast Check

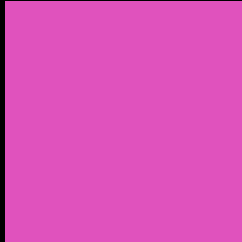
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9431, 25.5560, 50.8136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

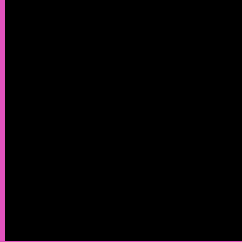
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.9431, 25.5560, 50.8136

Background



This preview shows how black text looks on a background with the XYZ color 42.9431, 25.5560, 50.8136.



This preview shows how white text looks on a background with the XYZ color 42.9431, 25.5560,

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

42.9431, 25.5560, 50.8136

Protanopia

28.6577, 26.1442, 80.6267

Deuteranopia

26.3506, 25.6903, 47.2860



Tritanopia

35.9836, 25.4252, 17.7629

Trichromacy



Original Color

42.9431, 25.5560, 50.8136



Protanomaly

30.2714, 23.4298, 68.5726



Deuteranomaly

30.2070, 23.8440, 48.3577



Tritanomaly

37.9658, 25.1086, 27.2715

Monochromacy



Original Color

42.9431, 25.5560, 50.8136



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 42.9431, 25.5560, 50.8136 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(224, 82, 189)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 82, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 82, 189) }
```

Border

The CSS property to change the border of an element to XYZ 42.9431, 25.5560, 50.8136 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(224, 82, 189) }
```


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

```
.border{ border-color:rgb(224, 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(224, 82, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 82, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 82, 189);  
box-shadow:4px 4px 4px 4px rgb(224, 82,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9431, 25.5560, 50.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 82, 189) }
```

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

```
.background{ background-color: rgb(224, 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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