

Converting Colors

XYZ(43.6222, 25.5285, 61.8413)

Have a look what the booklet for
XYZ(43.6222, 25.5285, 61.8413)
contains.

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Color

**XYZ(43.7201, 25.6055,
61.6695)**

Conversions

Conversions Part 1

Format	Color
Hex	DC51CF
RGB	220, 81, 207
RGB Percent	86%, 32%, 81%
CMY	0.1373, 0.6823, 0.1882
CMYK	0.00, 0.63, 0.06, 0.14
HSL	306°, 67%, 59%
HSV	306°, 63%, 86%
XYZ	43.7201, 25.6055, 61.6695
YIQ	136.9250, 42.3980, 68.6540

Conversions

Conversions Part 2

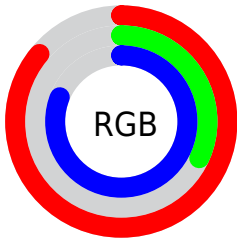
Format	Color
R_{YB}	220, 81, 207
Decimal	14438863
CIE _{Lab}	57.66, 68.46, -38.47
CIE _{LCh}	58, 78.535, 330.666
Yxy	25.6055, 0.3338, 0.1955
Android (android.graphics.Color)	4292628943 (0xFFDC51CF)
YUV	136.9250, 34.5470, 72.8568
Hunter-Lab	50.6019, 65.6710, -36.8366

Details

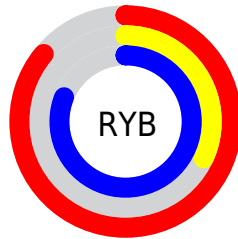
The XYZ color **43.7201, 25.6055, 61.6695** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **31.0081, 53.7449, 19.3309**, and the grayscale version is **23.6133, 24.8430, 27.0540**.

A 20% lighter version of the original color is **68.5226, 46.9452, 100.0575**, and **20.5678, 9.9484, 30.5419** is the 20% darker color. If you saturate the color by 10%, you get **42.0924, 22.7494, 59.8939**, and if you desaturate by 10%, it is **45.8823, 29.5240, 63.6398**.

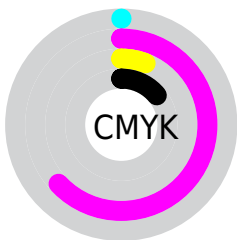
Distribution



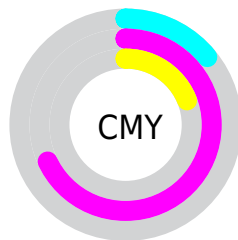
- Red (86%)
- Green (32%)
- Blue (81%)



- Red (86%)
- Yellow (32%)
- Blue (81%)



- Cyan (0%)
- Magenta (63%)
- Yellow (6%)
- Black (14%)





- Cyan (14%)
- Magenta (68%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7201, 25.6055, 61.6695 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 43.7201, 25.6055, 61.6695 by changing the saturation by 10% instead.


 43.7201, 25.6055,
61.6695

 43.7201, 25.6055,
61.6695

352.4364,
280.8401, 448.6988


 30.6475, 16.5287,
44.3316


 80.0454, 52.6378,
108.8147


 20.4811, 9.8991,
30.5922


 104.0287, 71.3622,
139.4591

 12.8555, 5.3321,
20.0327


 132.3797, 94.0712,
175.3761

 7.4054, 2.4434,
12.2345

 165.4636,
121.1493, 216.9842

 3.7655, 0.8481,
6.7791

203.6459,
152.9808, 264.7020

 1.5703, 0.0000,
3.2480

247.2919,

 0.3730, 0.0000,

189.9502, 318.9480

1.2226

296.7670,
232.4418, 380.1408

■ 0.0000, 0.0000,
0.0000

■ 43.7201, 25.6055,
61.6695

■ 43.7201, 25.6055,
61.6695

■ 42.0924, 22.7494,
59.8939

■ 45.8823, 29.5240,
63.6398

■ 40.9431, 20.8457,
58.2937

■ 48.6225, 34.5938,
65.8188

■ 40.2087, 19.7666,
56.8479

■ 51.9827, 40.8984,
68.2208

■ 39.8736, 19.3590,
55.9261

■ 56.0004, 48.5126,
70.8584

■ 60.7100, 57.5054,
73.7429

66.1436, 67.9408,
76.8853

72.3312, 79.8789,
80.2956

78.6573, 92.0885,
83.7686

78.9372, 92.2005,
85.2429

Harmonies

Analogous

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



34.7591, 25.6055, 100.2271



43.7201, 25.6055, 61.6695



47.2302, 25.6055, 27.2833

Triad

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



43.7201, 25.6055, 61.6695



24.1280, 25.6055, 1.5500



11.8739, 25.6055, 63.4539

Complementary

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



43.7201, 25.6055, 61.6695



31.0081, 53.7449, 19.3309

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.



10.3772, 25.6055, 28.4855



43.7201, 25.6055, 61.6695



16.2395, 25.6055, 2.8596

Square

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



43.7201, 25.6055, 61.6695



34.3001, 25.6055, 2.7299



11.7443, 25.6055, 9.4427



16.5187, 25.6055, 101.6443

Rectangle

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



43.7201, 25.6055, 61.6695



45.4471, 25.6055, 13.3205



11.7443, 25.6055, 9.4427



11.0488, 25.6055, 50.4067

Sweetspot

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



43.7210, 25.6067, 61.6700



80.7728, 72.5994, 100.5839



20.3341, 13.3590, 69.2177



16.8973, 14.7931, 21.2856



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.



43.7210, 25.6067, 61.6700



58.1870, 30.7259, 82.8875



37.1129, 22.9635, 26.8722



13.5591, 13.2528, 16.2056



23.4235, 11.3704, 32.9396



1.5331, 0.7429, 2.2164

Inverse Universe

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



43.7210, 25.6067, 61.6700



58.1870, 30.7259, 82.8875



35.5167, 55.5483, 43.0729



13.5591, 13.2528, 16.2056



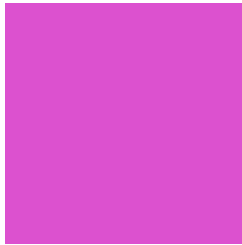
23.4235, 11.3704, 32.9396



1.5331, 0.7429, 2.2164

Previews

White Background



This preview shows how the XYZ color 43.7201, 25.6055, 61.6695 looks on a white background.

Color Contrast Check

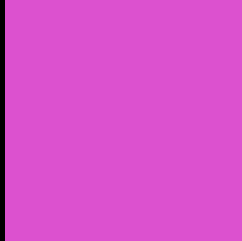
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7201, 25.6055, 61.6695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

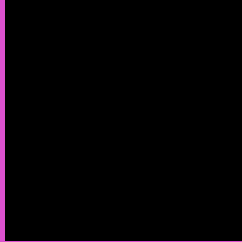
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.7201, 25.6055, 61.6695

Background



This preview shows how black text looks on a background with the XYZ color 43.7201, 25.6055, 61.6695.



This preview shows how white text looks on a background with the XYZ color 43.7201, 25.6055,

61.6695.

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

43.7201, 25.6055, 61.6695

Protanopia

29.9384, 26.2102, 98.0889

Deuteranopia

26.6176, 26.0361, 57.0486



Tritanopia

34.9305, 25.4548, 19.2919

Trichromacy



Original Color

43.7201, 25.6055, 61.6695



Protanomaly

30.7693, 23.1803, 83.7415



Deuteranomaly

30.2303, 23.8097, 58.2607



Tritanomaly

37.4445, 25.1696, 30.9017

Monochromacy



Original Color

43.7201, 25.6055, 61.6695



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

28.8192, 23.5467, 37.2084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7201, 25.6055, 61.6695 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(220, 81, 207)` looks like.

```
.text, #text, p{  
    color:rgb(220, 81, 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(220, 81, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 81, 207) }
```

Border

The CSS property to change the border of an element to XYZ 43.7201, 25.6055, 61.6695 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(220, 81, 207) }
```


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

```
.border{ border-color:rgb(220, 81, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 81, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 81, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 81, 207);  
box-shadow:4px 4px 4px 4px rgb(220, 81,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7201, 25.6055, 61.6695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 81, 207) }
```

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

```
.background{ background-color: rgb(220, 81,  
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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