

Converting Colors

XYZ(43.1479, 25.1353, 73.2837)

Have a look what the booklet for
XYZ(43.1479, 25.1353, 73.2837)
contains.

XYZ(43.0502, 25.1180, 73.1003)	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(43.0502, 25.1180,
73.1003)**

Conversions

Conversions Part 1

Format	Color
Hex	D252E0
RGB	210, 82, 224
RGB Percent	82%, 32%, 88%
CMY	0.1765, 0.6784, 0.1216
CMYK	0.06, 0.63, 0.00, 0.12
HSL	294°, 70%, 60%
HSV	294°, 63%, 88%
XYZ	43.0502, 25.1180, 73.1003
YIQ	136.4600, 30.7060, 71.2980

Conversions

Conversions Part 2

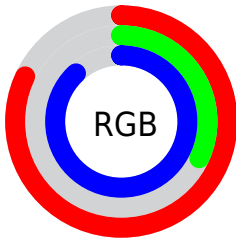
Format	Color
R _{YB}	210, 82, 224
Decimal	13783776
CIE Lab	57.19, 68.51, -48.94
CIE LCh	57, 84.193, 324.463
Yxy	25.1180, 0.3047, 0.1778
Android (android.graphics.Color)	4291973856 (0xFFD252E0)
YUV	136.4600, 43.1572, 64.4946
Hunter-Lab	50.1179, 65.6215, -51.3960

Details

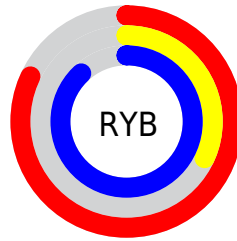
The XYZ color **43.0502, 25.1180, 73.1003** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **33.0032, 56.4079, 17.1320**, and the grayscale version is **23.4103, 24.6294, 26.8214**.

A 20% lighter version of the original color is **68.5226, 46.9452, 100.0575**, and **20.0928, 9.6545, 37.8503** is the 20% darker color. If you saturate the color by 10%, you get **41.0043, 21.9523, 72.5975**, and if you desaturate by 10%, it is **45.6578, 29.3925, 73.7883**.

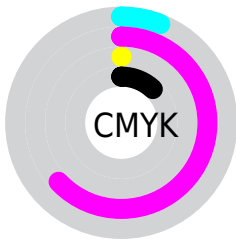
Distribution



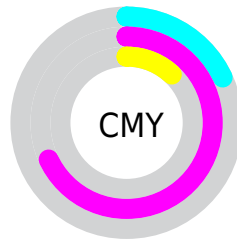
- Red (82%)
- Green (32%)
- Blue (88%)



- Red (82%)
- Yellow (32%)
- Blue (88%)



- Cyan (6%)
- Magenta (63%)
- Yellow (0%)
- Black (12%)





- Cyan (18%)
- Magenta (68%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0502, 25.1180, 73.1003 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 43.0502, 25.1180, 73.1003 by changing the saturation by 10% instead.

 43.0502, 25.1180,
73.1003

 43.0502, 25.1180,
73.1003


349.7362,
278.4251, 490.4425

 30.1192, 16.1650,
53.5657

 79.0418, 51.8486,
125.3418

 20.0776, 9.6410,
37.8637


 102.8332, 70.3950,
158.8858

 12.5601, 5.1616,
25.5759


 130.9754, 92.9079,
197.9366

 7.2012, 2.3424,
16.2837

 163.8338,
119.7718, 242.9128

 3.6357, 0.7960,
9.5686

201.7737,
151.3711, 294.2330

 1.4982, 0.0000,
5.0121

245.1605,

 0.3246, 0.0000,

188.0901, 352.3156

2.1955

294.3595,
230.3133, 417.5793

■ 0.0000, 0.0000,
0.6718

■ 0.0000, 0.0000,
0.0000

■ 43.0502, 25.1180,
73.1003

■ 43.0502, 25.1180,
73.1003

■ 41.0043, 21.9523,
72.5975

■ 45.6578, 29.3925,
73.7883

■ 39.4612, 19.7803,
72.2596


■ 48.8727, 34.8695,
74.6760


■ 38.3541, 18.4675,
72.0645

■ 52.7390, 41.6363,
75.7784


■ 37.7894, 17.9269,
71.9899


■ 57.2960, 49.7713,
77.1084

 62.5796, 59.3467,
78.6782

 68.6235, 70.4295,
80.4988

 75.4591, 83.0825,
82.5808

 81.1044, 93.3416,
84.2635

 81.8082, 93.7045,
84.2964

Harmonies

Analogous

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



32.6961, 25.1180, 113.5625



43.0502, 25.1180, 73.1003



48.4000, 25.1180, 32.9787

Triad

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



43.0502, 25.1180, 73.1003



25.7662, 25.1180, 1.0367



10.3598, 25.1180, 56.8577

Complementary

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



43.0502, 25.1180, 73.1003



33.0032, 56.4079, 17.1320

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.



9.4551, 25.1180, 22.3999



43.0502, 25.1180, 73.1003



16.8012, 25.1180, 1.6563

Square

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



43.0502, 25.1180, 73.1003



36.7961, 25.1180, 2.6117



11.4533, 25.1180, 6.2754



14.3984, 25.1180, 100.4559

Rectangle

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



43.0502, 25.1180, 73.1003



47.5773, 25.1180, 15.8290



11.4533, 25.1180, 6.2754



9.7364, 25.1180, 43.4258

Sweetspot

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



43.0512, 25.1191, 73.1008



79.7585, 71.9932, 104.3001



21.1363, 15.5790, 72.4145



16.6480, 14.6441, 22.1991



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.



43.0512, 25.1191, 73.1008



54.2864, 28.3936, 97.2271



40.7521, 24.6802, 39.2732



14.1549, 13.8634, 17.3175



22.0512, 10.4631, 41.9057



1.5676, 0.7454, 2.9065

Inverse Universe

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



35.8698, 22.7273, 13.5635



44.3787, 25.2026, 10.1744



34.7817, 56.9640, 33.5127



13.7619, 13.7224, 14.5161



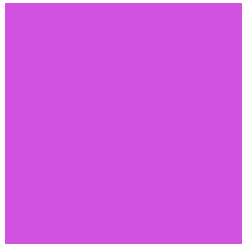
17.9971, 9.2658, 1.3846



1.2664, 0.6498, 0.1958

Previews

White Background



This preview shows how the XYZ color 43.0502, 25.1180, 73.1003 looks on a white background.

Color Contrast Check

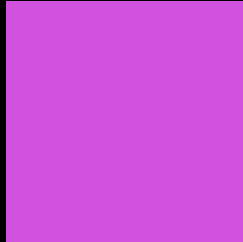
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0502, 25.1180, 73.1003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

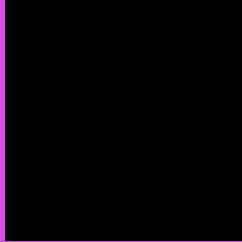
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.0502, 25.1180, 73.1003

Background



This preview shows how black text looks on a background with the XYZ color 43.0502, 25.1180, 73.1003.



This preview shows how white text looks on a background with the XYZ color 43.0502, 25.1180,

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

43.0502, 25.1180, 73.1003

Protanopia

29.3991, 25.7260, 98.0239

Deuteranopia

26.0130, 25.2877, 67.1283



Tritanopia

32.3823, 25.0610, 21.2197

Trichromacy



Original Color

43.0502, 25.1180, 73.1003



Protanomaly

30.6282, 23.0041, 88.4139



Deuteranomaly

29.4974, 23.1878, 69.2507



Tritanomaly

35.2800, 24.5279, 35.2227

Monochromacy



Original Color

43.0502, 25.1180, 73.1003



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

28.4175, 23.1045, 40.0076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0502, 25.1180, 73.1003 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(210, 82, 224)` looks like.

```
.text, #text, p{  
    color:rgb(210, 82, 224)  
}
```

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(210, 82, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 82, 224) }
```

Border

The CSS property to change the border of an element to XYZ 43.0502, 25.1180, 73.1003 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(210, 82, 224) }
```


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

```
.border{ border-color:rgb(210, 82, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 82, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 82, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 82, 224);  
box-shadow:4px 4px 4px 4px rgb(210, 82,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0502, 25.1180, 73.1003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 82, 224) }
```

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

```
.background{ background-color: rgb(210, 82,  
224) }
```

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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