

Converting Colors

XYZ(43.4535, 25.5620, 69.6623)

Have a look what the booklet for
XYZ(43.4535, 25.5620, 69.6623)
contains.

XYZ(43.3200, 25.4471, 69.6464)	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(43.3200, 25.4471,
69.6464)**

Conversions

Conversions Part 1

Format	Color
Hex	D553DB
RGB	213, 83, 219
RGB Percent	84%, 33%, 86%
CMY	0.1647, 0.6745, 0.1412
CMYK	0.03, 0.62, 0.00, 0.14
HSL	297°, 65%, 59%
HSV	297°, 62%, 86%
XYZ	43.3200, 25.4471, 69.6464
YIQ	137.3740, 33.8240, 69.8560

Conversions

Conversions Part 2

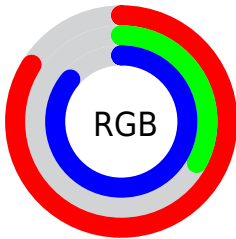
Format	Color
R _{YB}	213, 83, 219
Decimal	13980635
CIE Lab	57.51, 67.94, -45.58
CIE LCh	58, 81.815, 326.140
Yxy	25.4471, 0.3130, 0.1838
Android (android.graphics.Color)	4292170715 (0xFFD553DB)
YUV	137.3740, 40.2416, 66.3240
Hunter-Lab	50.4451, 65.0088, -46.5464

Details

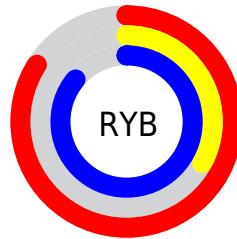
The XYZ color **43.3200, 25.4471, 69.6464** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **31.0135, 53.4120, 16.8597**, and the grayscale version is **23.7639, 25.0015, 27.2266**.

A 20% lighter version of the original color is **68.6681, 47.2362, 100.1060**, and **20.2261, 9.8083, 35.4775** is the 20% darker color. If you saturate the color by 10%, you get **41.6222, 22.4656, 69.1608**, and if you desaturate by 10%, it is **45.5503, 29.4897, 70.3095**.

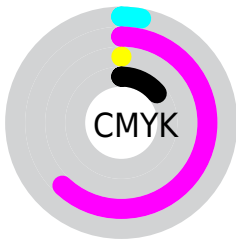
Distribution



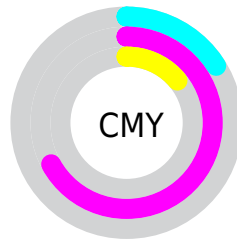
- Red (84%)
- Green (33%)
- Blue (86%)



- Red (84%)
- Yellow (33%)
- Blue (86%)



- Cyan (3%)
- Magenta (62%)
- Yellow (0%)
- Black (14%)





- Cyan (16%)
- Magenta (67%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3200, 25.4471, 69.6464 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 43.3200, 25.4471, 69.6464 by changing the saturation by 10% instead.

 43.3200, 25.4471,
69.6464


 43.3200, 25.4471,
69.6464

350.8254,
280.0573, 478.0630


 30.3319, 16.4105,
50.7633


 79.4462, 52.3816,
120.3807

 20.2400, 9.8151,
35.6448


 103.3151, 71.0483,
153.0691

 12.6789, 5.2765,
23.8725


 131.5415, 93.6938,
191.1962

 7.2833, 2.4104,
15.0277

 164.4909,
120.7025, 235.1807

 3.6878, 0.8312,
8.6920

202.5287,
152.4588, 285.4411

 1.5271, 0.0000,
4.4468

246.0201,

 0.3441, 0.0000,

189.3471, 342.3959

1.8735

295.3305,
231.7518, 406.4637

■ 0.0000, 0.0000,
0.4758

■ 0.0000, 0.0000,
0.0000

■ 43.3200, 25.4471,
69.6464

■ 43.3200, 25.4471,
69.6464

■ 41.6222, 22.4656,
69.1608

■ 45.5503, 29.4897,
70.3095

■ 40.4024, 20.4382,
68.8337


■ 48.3554, 34.6801,
71.1635


■ 39.5993, 19.2418,
68.6451


■ 51.7765, 41.1001,
72.2224


■ 39.1771, 18.7195,
68.5666


■ 55.8502, 48.8228,
73.4983

 60.6103, 57.9158,
75.0026

 66.0883, 68.4421,
76.7456

 72.3137, 80.4606,
78.7373

 78.2829, 91.9643,
80.6431

 78.5774, 92.1161,
80.6569

Harmonies

Analogous

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



33.4161, 25.4471, 109.1865



43.3200, 25.4471, 69.6464



48.1101, 25.4471, 31.4787

Triad

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



43.3200, 25.4471, 69.6464



25.4699, 25.4471, 1.2493



10.9645, 25.4471, 58.7094

Complementary

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



43.3200, 25.4471, 69.6464



31.0135, 53.4120, 16.8597

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.



9.8955, 25.4471, 24.2504



43.3200, 25.4471, 69.6464



16.8355, 25.4471, 2.0599

Square

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



43.3200, 25.4471, 69.6464



36.1996, 25.4471, 2.7668



11.7257, 25.4471, 7.2746



15.1775, 25.4471, 100.4209

Rectangle

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



43.3200, 25.4471, 69.6464



47.0176, 25.4471, 15.3075



11.7257, 25.4471, 7.2746



10.2840, 25.4471, 45.4615

Sweetspot

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



43.3210, 25.4482, 69.6469



80.7120, 72.4848, 104.3447



19.9938, 14.2333, 68.7117



16.8822, 14.7649, 22.2101



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.



43.3210, 25.4482, 69.6469



58.0734, 30.5536, 97.4444



38.4619, 23.7094, 34.8080



13.5547, 13.2441, 16.4941



23.2553, 11.1127, 40.6577



1.5245, 0.7292, 2.6348

Inverse Universe

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



34.1106, 21.9689, 11.8948



44.2351, 25.3690, 8.7281



33.9490, 54.5224, 35.2017



13.0792, 13.0608, 13.6783



17.3641, 8.9467, 1.0313



1.1333, 0.5830, 0.1109

Previews

White Background



This preview shows how the XYZ color 43.3200, 25.4471, 69.6464 looks on a white background.

Color Contrast Check

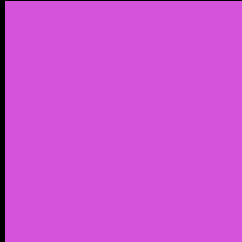
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.3200, 25.4471, 69.6464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

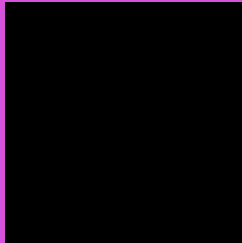
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.3200, 25.4471, 69.6464

Background



This preview shows how black text looks on a background with the XYZ color 43.3200, 25.4471, 69.6464.



This preview shows how white text looks on a background with the XYZ color 43.3200, 25.4471,

69.6464.

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

43.3200, 25.4471, 69.6464

Protanopia

29.7745, 26.1257, 98.0812

Deuteranopia

26.4303, 25.7732, 64.5545



Tritanopia

33.2717, 25.3619, 20.9110

Trichromacy



Original Color

43.3200, 25.4471, 69.6464



Protanomaly

30.8766, 23.3372, 86.8816



Deuteranomaly

29.9903, 23.6903, 65.9428



Tritanomaly

35.8313, 24.6868, 34.3290

Monochromacy



Original Color

43.3200, 25.4471, 69.6464



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

28.8534, 23.5119, 39.5767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3200, 25.4471, 69.6464 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(213, 83, 219)` looks like.

```
.text, #text, p{  
    color:rgb(213, 83, 219)  
}
```

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(213, 83, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 83, 219) }
```

Border

The CSS property to change the border of an element to XYZ 43.3200, 25.4471, 69.6464 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(213, 83, 219) }
```


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

```
.border{ border-color:rgb(213, 83, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 83, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 83, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 83, 219);  
box-shadow:4px 4px 4px 4px rgb(213, 83,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3200, 25.4471, 69.6464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 83, 219) }
```

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

```
.background{ background-color: rgb(213, 83,  
219) }
```

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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