

Converting Colors

XYZ(43.4580, 30.3545, 44.9546)

Have a look what the booklet for
XYZ(43.4580, 30.3545, 44.9546)
contains.

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Color

**XYZ(43.4683, 30.4246,
45.1765)**

Conversions

Conversions Part 1

Format	Color
Hex	DC72B1
RGB	220, 114, 177
RGB Percent	86%, 45%, 69%
CMY	0.1373, 0.5529, 0.3059
CMYK	0.00, 0.48, 0.20, 0.14
HSL	324°, 60%, 65%
HSV	324°, 48%, 86%
XYZ	43.4683, 30.4246, 45.1765
YIQ	152.8760, 42.9530, 42.0650

Conversions

Conversions Part 2

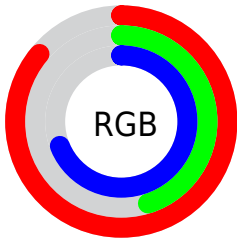
Format	Color
R _Y B	220, 114, 177
Decimal	14447281
CIE Lab	62.02, 48.94, -14.65
CIE LCh	62, 51.084, 343.329
Yxy	30.4246, 0.3651, 0.2555
Android (android.graphics.Color)	4292637361 (0xFFDC72B1)
YUV	152.8760, 11.8931, 58.8677
Hunter-Lab	55.1585, 44.1416, -9.9494

Details

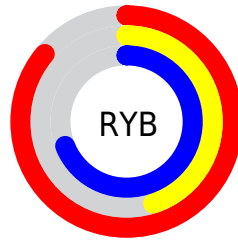
The XYZ color **43.4683, 30.4246, 45.1765** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.6198, 57.1990, 40.9059**, and the grayscale version is **30.1622, 31.7330, 34.5572**.

A 20% lighter version of the original color is **70.1359, 55.5191, 84.1105**, and **20.4111, 12.5793, 20.4210** is the 20% darker color. If you saturate the color by 10%, you get **40.4179, 25.7010, 39.9133**, and if you desaturate by 10%, it is **47.1754, 36.3678, 50.9462**.

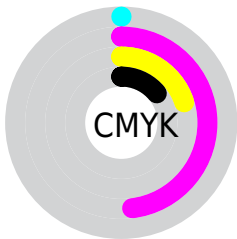
Distribution



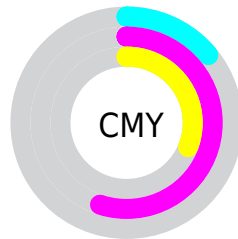
- Red (86%)
- Green (45%)
- Blue (69%)



- Red (86%)
- Yellow (45%)
- Blue (69%)



- Cyan (0%)
- Magenta (48%)
- Yellow (20%)
- Black (14%)





- Cyan (14%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4683, 30.4246, 45.1765 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 43.4683, 30.4246, 45.1765 by changing the saturation by 10% instead.


 43.4683, 30.4246,
45.1765

 43.4683, 30.4246,
45.1765

351.4231,
303.8786, 383.6689

 30.4488, 20.1611,
31.2525


 79.6684, 60.3330,
84.3065

 20.3293, 12.5122,
20.5311


 103.5797, 80.7467,
110.3495

 12.7443, 7.0935,
12.5938


 131.8524,
105.3126, 141.2693

 7.3285, 3.5207,
7.0220

164.8517,
134.4151, 177.4845

 3.7165, 1.4092,
3.3972

202.9431,
168.4385, 219.4134

 1.5430, 0.2235,
1.3009

246.4919,

 0.3548, 0.0000,

207.7673, 267.4748

0.0625

295.8634,
252.7859, 322.0871

■ 0.0000, 0.0000,
0.0000

■ 43.4683, 30.4246,
45.1765

■ 43.4683, 30.4246,
45.1765

■ 40.4179, 25.7010,
39.9133

■ 47.1754, 36.3678,
50.9462

■ 37.9770, 22.1052,
35.1347

■ 51.5767, 43.6049,
57.2395

■ 36.0958, 19.5394,
30.8186


■ 56.7100, 52.2096,
64.0743


■ 34.7150, 17.8868,
26.9397


■ 62.6096, 62.2486,
71.4670


■ 33.7495, 16.9789,
23.4634


■ 69.3073, 73.7843,
79.4333

 33.5952, 16.8477,
22.8656

 76.8334, 86.8753,
87.9879

 80.9257, 92.9958,
95.7149

 82.2808, 93.5379,
102.8509

 83.3253, 93.9557,
108.3513

Harmonies

Analogous

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



38.9358, 30.4246, 68.8638



43.4683, 30.4246, 45.1765



43.7298, 30.4246, 25.1655

Triad

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



43.4683, 30.4246, 45.1765



25.9846, 30.4246, 8.3018



20.3518, 30.4246, 66.3602

Complementary

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



43.4683, 30.4246, 45.1765



38.6198, 57.1990, 40.9059

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.



17.8965, 30.4246, 42.6126



43.4683, 30.4246, 45.1765



20.7847, 30.4246, 12.5589

Square

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



43.4683, 30.4246, 45.1765



32.8653, 30.4246, 8.5302



18.0413, 30.4246, 23.4370



25.2996, 30.4246, 84.0311

Rectangle

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



43.4683, 30.4246, 45.1765



41.3851, 30.4246, 16.4161



18.0413, 30.4246, 23.4370



19.2452, 30.4246, 58.4924

Sweetspot

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



43.4692, 30.4261, 45.1771



82.4550, 78.4018, 93.6287



32.7249, 24.3116, 70.6783



17.2753, 16.1474, 19.5669



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.



43.4692, 30.4261, 45.1771



56.3585, 35.7364, 55.5572



39.2098, 28.7223, 22.7475



13.3792, 13.1808, 15.2580



19.7731, 9.9103, 13.7172



1.3233, 0.6590, 1.1114

Inverse Universe

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



43.4692, 30.4261, 45.1771



56.3585, 35.7364, 55.5572



44.0919, 59.3878, 69.7213



13.3792, 13.1808, 15.2580



19.7731, 9.9103, 13.7172



1.3233, 0.6590, 1.1114

Previews

White Background



This preview shows how the XYZ color 43.4683, 30.4246, 45.1765 looks on a white background.

Color Contrast Check

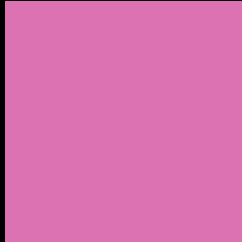
Large Text (above 18pt) WCAG AA × Fail

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 43.4683, 30.4246, 45.1765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

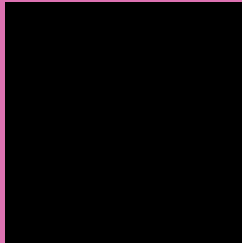
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4683, 30.4246, 45.1765

Background



This preview shows how black text looks on a background with the XYZ color 43.4683, 30.4246, 45.1765.



This preview shows how white text looks on a background with the XYZ color 43.4683, 30.4246,

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

43.4683, 30.4246, 45.1765

Protanopia

31.2859, 30.6311, 59.5218

Deuteranopia

31.2428, 30.5049, 43.2711



Tritanopia

39.2721, 30.2789, 25.6043

Trichromacy



Original Color

43.4683, 30.4246, 45.1765



Protanomaly

34.2549, 29.6296, 53.7828



Deuteranomaly

34.7555, 29.6899, 43.9433



Tritanomaly

40.6770, 30.3228, 31.7259

Monochromacy



Original Color

43.4683, 30.4246, 45.1765



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

33.8857, 30.4210, 38.2683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4683, 30.4246, 45.1765 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, 114, 177)` looks like.

```
.text, #text, p{  
    color:rgb(220, 114, 177)  
}
```

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, 114, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 114, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.4683, 30.4246, 45.1765 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, 114, 177) }
```


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

```
.border{ border-color:rgb(220, 114, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 114, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 114, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 114, 177); box-shadow:4px 4px 4px 4px rgb(220, 114, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4683, 30.4246, 45.1765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 114, 177) }
```

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

```
.background{ background-color: rgb(220,  
114, 177) }
```

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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