

Converting Colors

XYZ(45.2143, 33.4326, 47.2501)

Have a look what the booklet for
XYZ(45.2143, 33.4326, 47.2501)
contains.

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Color

**XYZ(45.2143, 33.4326,
47.2501)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7EB4
RGB	220, 126, 180
RGB Percent	86%, 49%, 71%
CMY	0.1373, 0.5059, 0.2941
CMYK	0.00, 0.43, 0.18, 0.14
HSL	326°, 57%, 68%
HSV	326°, 43%, 86%
XYZ	45.2143, 33.4326, 47.2501
YIQ	160.2620, 38.6900, 36.7220

Conversions

Conversions Part 2

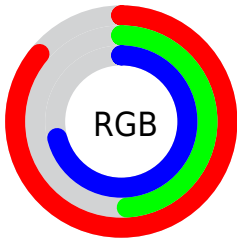
Format	Color
R _Y B	220, 126, 180
Decimal	14450356
CIE Lab	64.51, 43.29, -12.61
CIE LCh	65, 45.090, 343.762
Yxy	33.4326, 0.3591, 0.2656
Android (android.graphics.Color)	4292640436 (0xFFDC7EB4)
YUV	160.2620, 9.7308, 52.3902
Hunter-Lab	57.8209, 38.3952, -7.9759

Details

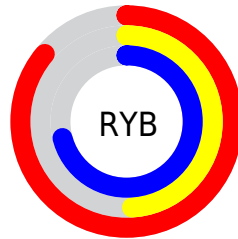
The XYZ color **45.2143, 33.4326, 47.2501** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.0818, 58.3762, 45.1815**, and the grayscale version is **33.4793, 35.2229, 38.3577**.

A 20% lighter version of the original color is **72.9042, 60.3639, 87.1658**, and **21.3838, 14.2164, 21.6957** is the 20% darker color. If you saturate the color by 10%, you get **41.7826, 28.0440, 41.5585**, and if you desaturate by 10%, it is **49.3310, 40.0872, 53.4885**.

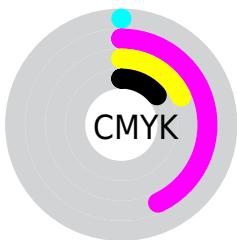
Distribution



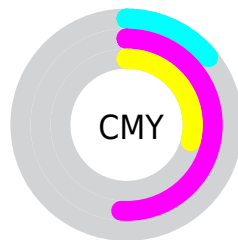
- Red (86%)
- Green (49%)
- Blue (71%)



- Red (86%)
- Yellow (49%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (18%)
- Black (14%)





- Cyan (14%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2143, 33.4326, 47.2501 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 45.2143, 33.4326, 47.2501 by changing the saturation by 10% instead.


 45.2143, 33.4326,
47.2501

 45.2143, 33.4326,
47.2501

358.4099,
317.5946, 392.2346


 31.8283, 22.4581,
32.8777


 82.2770, 65.0503,
87.4407

 21.3853, 14.1939,
21.7624


 106.6843, 86.4623,
114.0960

 13.5200, 8.2556,
13.4858

 135.4962,
112.1222, 145.6825

 7.8670, 4.2589,
7.6292

169.0778,
142.4145, 182.6190

 4.0611, 1.8194,
3.7743

207.7947,
177.7234, 225.3239

 1.7367, 0.4992,
1.5024

252.0121,

 0.4791, 0.0000,

218.4335, 274.2158

0.2197

302.0954,
264.9291, 329.7132

■ 0.0000, 0.0000,
0.0000

■ 45.2143, 33.4326,
47.2501

■ 45.2143, 33.4326,
47.2501

■ 41.7826, 28.0440,
41.5585

■ 49.3310, 40.0872,
53.4885

■ 38.9906, 23.8341,
36.3915

■ 54.1681, 48.0781,
60.2907

■ 36.7920, 20.7122,
31.7276


■ 59.7623, 57.4759,
67.6750


■ 35.1328, 18.5719,
27.5420


■ 66.1464, 68.3450,
75.6583


■ 33.9476, 17.2852,
23.8062


■ 73.3517, 80.7457,
84.2564

 33.3058, 16.7319,
21.3412

 80.4411, 92.8020,
93.1624

 81.8389, 93.3611,
100.5232

 83.3091, 93.9492,
108.2652

 83.3255, 93.9558,
108.3513

Harmonies

Analogous

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



41.1370, 33.4326, 68.5027



45.2143, 33.4326, 47.2501



45.3898, 33.4326, 28.5988

Triad

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



45.2143, 33.4326, 47.2501



28.9202, 33.4326, 11.6745



23.6442, 33.4326, 66.8640

Complementary

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



45.2143, 33.4326, 47.2501



41.0818, 58.3762, 45.1815

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.



21.2003, 33.4326, 45.5103



45.2143, 33.4326, 47.2501



23.9563, 33.4326, 16.3229

Square

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



45.2143, 33.4326, 47.2501



35.3676, 33.4326, 11.8614



21.3062, 33.4326, 27.3567



28.4374, 33.4326, 82.1875

Rectangle

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



45.2143, 33.4326, 47.2501



43.2266, 33.4326, 20.0327



21.3062, 33.4326, 27.3567



22.5515, 33.4326, 59.8900

Sweetspot

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



45.2153, 33.4342, 47.2508



83.1826, 79.7674, 94.1477



35.9324, 28.1080, 71.2423



17.4141, 16.4143, 19.6462



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.



45.2153, 33.4342, 47.2508



58.9525, 40.0687, 59.0604



41.2688, 31.8556, 26.4688



13.3680, 13.1763, 15.1989



19.6035, 9.8425, 12.8242



1.3128, 0.6548, 1.0561

Inverse Universe

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



45.2153, 33.4342, 47.2508



58.9525, 40.0687, 59.0604



46.1033, 60.3848, 71.6240



13.3680, 13.1763, 15.1989



19.6035, 9.8425, 12.8242



1.3128, 0.6548, 1.0561

Previews

White Background



This preview shows how the XYZ color 45.2143, 33.4326, 47.2501 looks on a white background.

Color Contrast Check

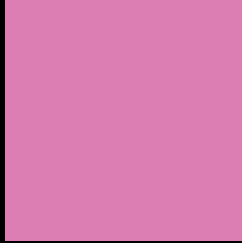
Large Text (above 18pt) WCAG AA × Fail

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 45.2143, 33.4326, 47.2501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

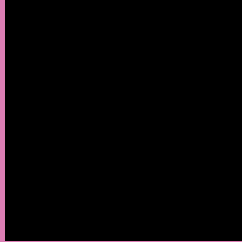
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2143, 33.4326, 47.2501

Background



This preview shows how black text looks on a background with the XYZ color 45.2143, 33.4326, 47.2501.



This preview shows how white text looks on a background with the XYZ color 45.2143, 33.4326,

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

45.2143, 33.4326, 47.2501

Protanopia

34.0007, 33.7238, 59.3609

Deuteranopia

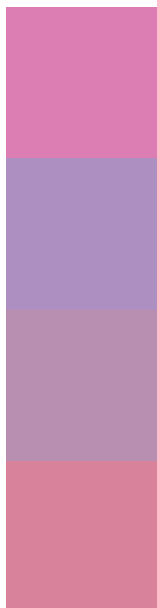
34.2334, 33.6641, 45.2510



Tritanopia

41.6644, 33.3572, 30.2292

Trichromacy



Original Color

45.2143, 33.4326, 47.2501

Protanomaly

36.8325, 32.6810, 54.8189

Deuteranomaly

37.5254, 33.0096, 45.9887

Tritanomaly

42.5987, 33.1173, 35.5996

Monochromacy



Original Color

45.2143, 33.4326, 47.2501

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.8564, 33.9149, 41.1629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2143, 33.4326, 47.2501 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, 126, 180)` looks like.

```
.text, #text, p{  
    color:rgb(220, 126, 180)  
}
```

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, 126, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 126, 180) }
```

Border

The CSS property to change the border of an element to XYZ 45.2143, 33.4326, 47.2501 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, 126, 180) }
```


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

```
.border{ border-color:rgb(220, 126, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 126, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 126, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 126, 180);  
box-shadow:4px 4px 4px 4px rgb(220, 126,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2143, 33.4326, 47.2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 126, 180) }
```

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

```
.background{ background-color: rgb(220,  
126, 180) }
```

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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