

# Converting Colors

XYZ(44.5579, 36.2659, 47.3169)

Have a look what the booklet for  
XYZ(44.5579, 36.2659, 47.3169)  
contains.

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# Color

**XYZ(44.5255, 36.1533,  
47.2794)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | D38DB3                     |
| RGB         | 211, 141, 179              |
| RGB Percent | 83%, 55%, 70%              |
| CMY         | 0.1725, 0.4470, 0.2980     |
| CMYK        | 0.00, 0.33, 0.15, 0.17     |
| HSL         | 327°, 44%, 69%             |
| HSV         | 327°, 33%, 83%             |
| XYZ         | 44.5255, 36.1533, 47.2794  |
| YIQ         | 166.2620, 29.5220, 26.6580 |

# Conversions

## Conversions Part 2

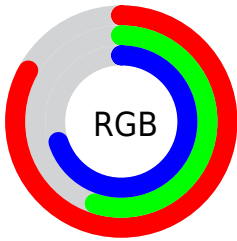
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 211, 141, 179                |
| Decimal                             | 13864371                     |
| CIE Lab                             | 66.64, 32.13, -8.97          |
| CIE LCh                             | 67, 33.359, 344.398          |
| Yxy                                 | 36.1533, 0.3480,<br>0.2825   |
| Android<br>(android.graphics.Color) | 4292054451<br>(0xFFD38DB3)   |
| YUV                                 | 166.2620, 6.2798,<br>39.2352 |
| Hunter-Lab                          | 60.1276, 26.9589,<br>-4.5314 |

# Details

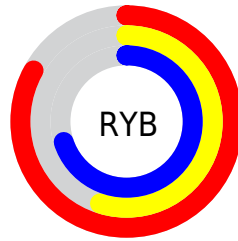
The XYZ color **44.5255, 36.1533, 47.2794** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.8231, 55.2693, 48.0013**, and the grayscale version is **36.3337, 38.2259, 41.6280**.

A 20% lighter version of the original color is **75.7505, 66.2884, 87.3997**, and **20.9396, 15.7872, 21.6823** is the 20% darker color. If you saturate the color by 10%, you get **40.7640, 30.1370, 41.3795**, and if you desaturate by 10%, it is **48.9501, 43.3855, 53.7379**.

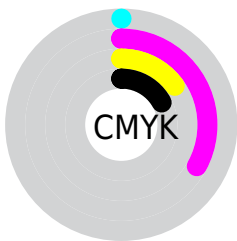
# Distribution



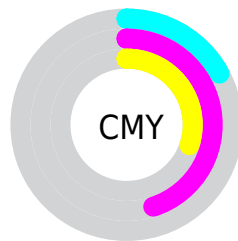
- Red (83%)
- Green (55%)
- Blue (70%)



- Red (83%)
- Yellow (55%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (17%)



- Cyan (17%)
- Magenta (45%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5255, 36.1533, 47.2794 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 44.5255, 36.1533, 47.2794 by changing the saturation by 10% instead.



44.5255, 36.1533,  
47.2794

44.5255, 36.1533,  
47.2794

355.6645,  
329.6301, 392.3547

31.2835, 24.5526,  
32.9007

81.2494, 69.2686,  
87.4849

20.9677, 15.7441,  
21.7799

105.4620, 91.5520,  
114.1487

13.2127, 9.3432,  
13.4985

134.0622,  
118.1652, 145.7446

7.6532, 4.9657,  
7.6379

167.4153,  
149.4924, 182.6912

3.9238, 2.2272,  
3.7797

205.8868,  
185.9181, 225.4069

1.6591, 0.7347,  
1.5053

249.8419,

0.4305, 0.0000,

227.8267, 274.3104

0.2219

299.6460,  
275.6025, 329.8201

■ 0.0000, 0.0000,  
0.0000

■ 44.5255, 36.1533,  
47.2794

■ 44.5255, 36.1533,  
47.2794

■ 40.7640, 30.1370,  
41.3795

■ 48.9501, 43.3855,  
53.7379

■ 37.6272, 25.2636,  
36.0173

■ 54.0669, 51.8915,  
60.7702

■ 35.0776, 21.4599,  
31.1738


■ 59.9074, 61.7311,  
68.3935


■ 33.0722, 18.6421,  
26.8272


■ 66.4999, 72.9592,  
76.6236


■ 31.5613, 16.7134,  
22.9535


■ 73.8711, 85.6273,  
85.4755

 30.4854, 15.5576,  
19.5250

 77.8925, 91.4763,  
93.5791

 29.9321, 15.0762,  
17.4130

 79.3394, 92.0551,  
101.1985

 80.6741, 92.5890,  
108.2272

# Harmonies

## Analogous

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



41.5696, 36.1533, 62.6098



44.5255, 36.1533, 47.2794



44.5879, 36.1533, 32.8819

# Triad

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



44.5255, 36.1533, 47.2794



32.0174, 36.1533, 18.1976



27.9158, 36.1533, 62.0519

# Complementary

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



44.5255, 36.1533, 47.2794



41.8231, 55.2693, 48.0013

# 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.



25.8339, 36.1533, 46.6483



44.5255, 36.1533, 47.2794



28.0408, 36.1533, 22.7296

# Square

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



44.5255, 36.1533, 47.2794



37.0252, 36.1533, 18.2877



25.8773, 36.1533, 32.3868



31.8309, 36.1533, 72.4531



# Rectangle

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



44.5255, 36.1533, 47.2794



42.9604, 36.1533, 25.7192



25.8773, 36.1533, 32.3868



26.9961, 36.1533, 57.1427

# Sweetspot

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



44.5266, 36.1550, 47.2801



85.6273, 84.0675, 96.7788



38.4075, 32.5822, 65.8931



18.0642, 17.5514, 20.3662



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.



44.5266, 36.1550, 47.2801



64.0619, 48.6147, 65.9199



41.4625, 34.9293, 31.1451



12.0733, 11.9141, 13.6617



18.1162, 9.1193, 10.7842



1.0527, 0.5258, 0.8125



# Inverse Universe

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



44.5266, 36.1550, 47.2801



64.0619, 48.6147, 65.9199



45.6036, 56.7815, 67.9094



12.0733, 11.9141, 13.6617



18.1162, 9.1193, 10.7842

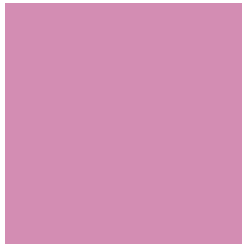


1.0527, 0.5258, 0.8125



# Previews

## White Background



This preview shows how the XYZ color 44.5255, 36.1533, 47.2794 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

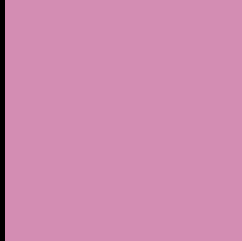
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 44.5255, 36.1533, 47.2794 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

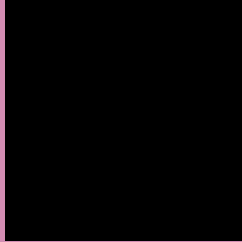
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 44.5255, 36.1533, 47.2794

## Background



This preview shows how black text looks on a background with the XYZ color 44.5255, 36.1533, 47.2794.



This preview shows how white text looks on a background with the XYZ color 44.5255, 36.1533,



# 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

44.5255, 36.1533, 47.2794

### Protanopia

35.9696, 36.3634, 54.9922

### Deuteranopia

37.0766, 36.3590, 46.1381



## Tritanopia

42.1386, 36.0610, 36.1920

# Trichromacy



**Original Color**

44.5255, 36.1533, 47.2794

**Protanomaly**

38.4297, 35.9292, 51.9233

**Deuteranomaly**

39.4137, 36.0699, 46.4798

**Tritanomaly**

42.9686, 36.1822, 39.8411

# Monochromacy



**Original Color**

44.5255, 36.1533, 47.2794

**Achromatopsia**

36.2450, 38.1326, 41.5264

**Achromatomaly**

38.6991, 36.9993, 43.6300

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 44.5255, 36.1533, 47.2794 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(211, 141, 179) looks like.

```
.text, #text, p{  
    color:rgb(211, 141, 179)  
}
```

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(211, 141, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 141, 179) }
```

## Border

The CSS property to change the border of an element to XYZ 44.5255, 36.1533, 47.2794 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(211, 141, 179) }
```



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

```
.border{ border-color:rgb(211, 141, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 141, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 141, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 141, 179);  
box-shadow:4px 4px 4px 4px rgb(211, 141,  
179) }
```

# Background

The CSS property to change the background color of an element to XYZ 44.5255, 36.1533, 47.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 141, 179) }
```

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

```
.background{ background-color: rgb(211,  
141, 179) }
```

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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