

Converting Colors

XYZ(45.0094, 36.5326, 47.1292)

Have a look what the booklet for
XYZ(45.0094, 36.5326, 47.1292)
contains.

XYZ(45.2503, 36.7468, 47.3557)	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(45.2503, 36.7468,
47.3557)**

Conversions

Conversions Part 1

Format	Color
Hex	D58EB3
RGB	213, 142, 179
RGB Percent	84%, 56%, 70%
CMY	0.1647, 0.4431, 0.2980
CMYK	0.00, 0.33, 0.16, 0.16
HSL	329°, 46%, 70%
HSV	329°, 33%, 84%
XYZ	45.2503, 36.7468, 47.3557
YIQ	167.4470, 30.4390, 26.5590

Conversions

Conversions Part 2

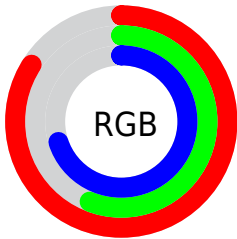
Format	Color
R _Y B	213, 142, 179
Decimal	13995699
CIE Lab	67.09, 32.29, -8.28
CIE LCh	67, 33.331, 345.620
Yxy	36.7468, 0.3498, 0.2841
Android (android.graphics.Color)	4292185779 (0xFFD58EB3)
YUV	167.4470, 5.6956, 39.9500
Hunter-Lab	60.6191, 27.1612, -3.8840

Details

The XYZ color **45.2503, 36.7468, 47.3557** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.7877, 56.4750, 49.7226**, and the grayscale version is **36.9122, 38.8345, 42.2908**.

A 20% lighter version of the original color is **75.9753, 66.7380, 87.4747**, and **21.3267, 15.9868, 21.7004** is the 20% darker color. If you saturate the color by 10%, you get **41.3851, 30.6065, 41.1643**, and if you desaturate by 10%, it is **49.7995, 44.1320, 54.1525**.

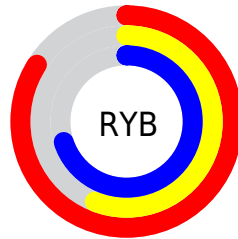
Distribution



Red (84%)

Green (56%)

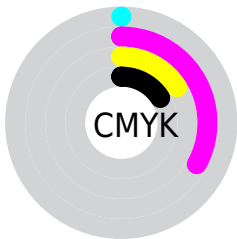
Blue (70%)



Red (84%)

Yellow (56%)

Blue (70%)

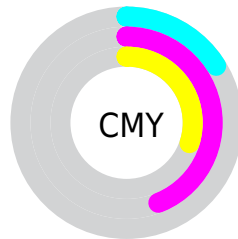


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (16%)



Cyan (16%)


Magenta (44%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.2503, 36.7468, 47.3557 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 45.2503, 36.7468, 47.3557 by changing the saturation by 10% instead.

 45.2503, 36.7468,
47.3557

 45.2503, 36.7468,
47.3557


358.5530,
332.2130, 392.6673

 31.8567, 25.0115,
32.9606


 82.3306, 70.1832,
87.5999

 21.4071, 16.0856,
21.8254


 106.7481, 92.6531,
114.2860

 13.5361, 9.5848,
13.5316


135.5710,
119.4700, 145.9062

 7.8782, 5.1245,
7.6606

169.1645,
151.0182, 182.8790

 4.0683, 2.3205,
3.7939

207.8942,
187.6823, 225.6230

 1.7408, 0.7845,
1.5130

252.1252,

 0.4816, 0.0000,

229.8465, 274.5567

0.2276

302.2230,
277.8953, 330.0986

■ 0.0000, 0.0000,
0.0000

■ 45.2503, 36.7468,
47.3557

■ 45.2503, 36.7468,
47.3557

■ 41.3851, 30.6065,
41.1643

■ 49.7995, 44.1320,
54.1525

■ 38.1644, 25.6362,
35.5558

■ 55.0629, 52.8215,
61.5714

■ 35.5496, 21.7607,
30.5094


■ 61.0728, 62.8767,
69.6312


■ 33.4962, 18.8940,
26.0015


■ 67.8584, 74.3538,
78.3490


■ 31.9530, 16.9367,
22.0062


■ 75.4474, 87.3058,
87.7412

 30.8586, 15.7691,
18.4936

 78.9595, 91.9697,
96.1880

 30.3098, 15.2938,
16.3918

 80.5198, 92.5939,
104.4048

 81.2508, 92.8863,
108.2542

Harmonies

Analogous

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



42.3705, 36.7468, 62.8960



45.2503, 36.7468, 47.3557



45.1854, 36.7468, 32.9524

Triad

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



45.2503, 36.7468, 47.3557



32.3662, 36.7468, 18.6908



28.5405, 36.7468, 63.4755

Complementary

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



45.2503, 36.7468, 47.3557



42.7877, 56.4750, 49.7226

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.



26.3517, 36.7468, 48.0119



45.2503, 36.7468, 47.3557



28.4102, 36.7468, 23.4837

Square

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



45.2503, 36.7468, 47.3557



37.4050, 36.7468, 18.5968



26.3064, 36.7468, 33.4680



32.5604, 36.7468, 73.6202

Rectangle

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



45.2503, 36.7468, 47.3557



43.4689, 36.7468, 25.8498



26.3064, 36.7468, 33.4680



27.5841, 36.7468, 58.5806

Sweetspot

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



45.2514, 36.7485, 47.3565



85.5435, 84.0340, 96.3378



39.3940, 33.2814, 67.2991



18.0440, 17.5433, 20.2595



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.



45.2514, 36.7485, 47.3565



63.7903, 48.5061, 64.4899



42.1771, 35.5188, 31.1676



12.6908, 12.5278, 14.3121



18.5663, 9.3629, 10.2864



1.1616, 0.5814, 0.8402

Inverse Universe

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



45.2514, 36.7485, 47.3565



63.7903, 48.5061, 64.4899



46.6628, 58.0250, 70.1286



12.6908, 12.5278, 14.3121



18.5663, 9.3629, 10.2864



1.1616, 0.5814, 0.8402

Previews

White Background



This preview shows how the XYZ color 45.2503, 36.7468, 47.3557 looks on a white background.

Color Contrast Check

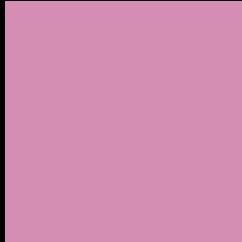
Large Text (above 18pt) WCAG AA × Fail

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 45.2503, 36.7468, 47.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

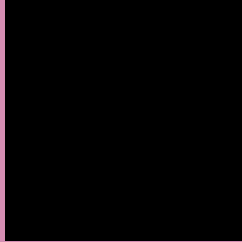
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.2503, 36.7468, 47.3557

Background



This preview shows how black text looks on a background with the XYZ color 45.2503, 36.7468, 47.3557.



This preview shows how white text looks on a background with the XYZ color 45.2503, 36.7468,

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

45.2503, 36.7468, 47.3557

Protanopia

36.5353, 36.9155, 55.0690

Deuteranopia

37.6902, 36.9295, 46.2159



Tritanopia

42.9430, 36.6937, 36.7175

Trichromacy



Original Color

45.2503, 36.7468, 47.3557

Protanomaly

39.0511, 36.4955, 51.9998

Deuteranomaly

40.0661, 36.6482, 46.5571

Tritanomaly

43.7809, 36.8163, 40.3961

Monochromacy



Original Color

45.2503, 36.7468, 47.3557

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.3447, 37.5843, 43.7089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.2503, 36.7468, 47.3557 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, 142, 179)` looks like.

```
.text, #text, p{  
    color:rgb(213, 142, 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(213, 142, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 142, 179) }
```

Border

The CSS property to change the border of an element to XYZ 45.2503, 36.7468, 47.3557 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, 142, 179) }
```


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

```
.border{ border-color:rgb(213, 142, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 142, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 142, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 142, 179);  
box-shadow:4px 4px 4px 4px rgb(213, 142,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 45.2503, 36.7468, 47.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 142, 179) }
```

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

```
.background{ background-color: rgb(213,  
142, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor