

Converting Colors

XYZ(46.2768, 37.6378, 51.2801)

Have a look what the booklet for
XYZ(46.2768, 37.6378, 51.2801)
contains.

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Color

**XYZ(46.2768, 37.6378,
51.2801)**

Conversions

Conversions Part 1

Format	Color
Hex	D590BA
RGB	213, 144, 186
RGB Percent	84%, 56%, 73%
CMY	0.1647, 0.4353, 0.2706
CMYK	0.00, 0.32, 0.13, 0.16
HSL	323°, 45%, 70%
HSV	323°, 32%, 84%
XYZ	46.2768, 37.6378, 51.2801
YIQ	169.4190, 27.6420, 27.6900

Conversions

Conversions Part 2

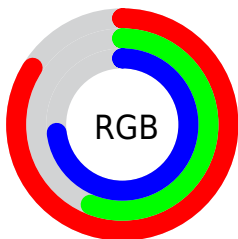
Format	Color
R _Y B	213, 144, 186
Decimal	13996218
CIE Lab	67.75, 32.35, -11.20
CIE LCh	68, 34.231, 340.894
Yxy	37.6378, 0.3423, 0.2784
Android (android.graphics.Color)	4292186298 (0xFFD590BA)
YUV	169.4190, 8.1744, 38.2205
Hunter-Lab	61.3497, 27.2829, -6.6137

Details

The XYZ color **46.2768, 37.6378, 51.2801** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.6482, 56.4593, 47.1806**, and the grayscale version is **37.8717, 39.8440, 43.3901**.

A 20% lighter version of the original color is **77.6904, 68.5177, 93.1349**, and **21.9654, 16.5158, 24.2205** is the 20% darker color. If you saturate the color by 10%, you get **42.4896, 31.4400, 45.7727**, and if you desaturate by 10%, it is **50.7265, 45.0769, 57.2643**.

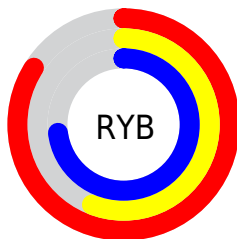
Distribution



Red (84%)

Green (56%)

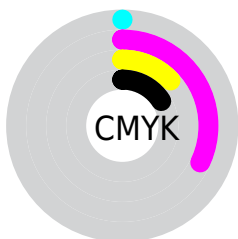
Blue (73%)



Red (84%)

Yellow (56%)

Blue (73%)

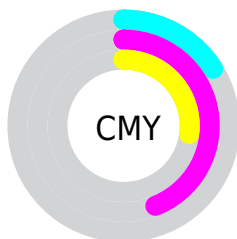


Cyan (0%)

Magenta (32%)

Yellow (13%)

Black (16%)



Cyan (16%)


Magenta (44%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2768, 37.6378, 51.2801 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 46.2768, 37.6378, 51.2801 by changing the saturation by 10% instead.


 46.2768, 37.6378,
51.2801

 46.2768, 37.6378,
51.2801

362.6177,
336.0637, 408.5286

 32.6699, 25.7017,
36.0533

 83.8584, 71.5526,
93.4844

 22.0317, 16.6006,
24.1853


 108.5638, 94.3002,
121.2990

 13.9969, 9.9501,
15.2577


137.6994,
121.4203, 154.1466

 8.2002, 5.3659,
8.8518

171.6305,
153.2974, 192.4457

 4.2762, 2.4635,
4.5492

210.7226,
190.3159, 236.6150

 1.8595, 0.8583,
1.9312

255.3409,

 0.5532, 0.0000,

232.8602, 287.0728

0.5125

305.8508,
281.3146, 344.2379

■ 0.0000, 0.0000,
0.0000

■ 46.2768, 37.6378,
51.2801

■ 46.2768, 37.6378,
51.2801

■ 42.4896, 31.4400,
45.7727

■ 50.7265, 45.0769,
57.2643

■ 39.3264, 26.4094,
40.7236

■ 55.8680, 53.8158,
63.7379

■ 36.7498, 22.4720,
36.1164

■ 61.7324, 63.9154,
70.7158

■ 34.7165, 19.5428,
31.9321

■ 68.3484, 75.4312,
78.2117

■ 33.1771, 17.5246,
28.1495

■ 75.7427, 88.4157,
86.2383

■ 32.0723, 16.3002,
24.7441

■ 78.3431, 91.7232,
92.9421

■ 31.4465, 15.7486,
22.3776

■ 79.5830, 92.2191,
99.4712

■ 80.8802, 92.7380,
106.3020

■ 81.2509, 92.8863,
108.2542

Harmonies

Analogous

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



42.8579, 37.6378, 67.1960



46.2768, 37.6378, 51.2801



46.7261, 37.6378, 35.7162

Triad

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



46.2768, 37.6378, 51.2801



33.8846, 37.6378, 18.5070



28.6192, 37.6378, 63.1752

Complementary

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



46.2768, 37.6378, 51.2801



42.6482, 56.4593, 47.1806

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.



26.6821, 37.6378, 46.7397



46.2768, 37.6378, 51.2801



29.5165, 37.6378, 22.6621

Square

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



46.2768, 37.6378, 51.2801



39.2090, 37.6378, 19.1501



26.9936, 37.6378, 32.1626



32.5450, 37.6378, 75.1497

Rectangle

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



46.2768, 37.6378, 51.2801



45.2361, 37.6378, 27.7644



26.9936, 37.6378, 32.1626



27.7323, 37.6378, 57.8408

Sweetspot

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



46.2779, 37.6395, 51.2809



85.8825, 84.1696, 98.1229



38.6602, 33.3488, 67.3509



18.1260, 17.5761, 20.6916



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.



46.2779, 37.6395, 51.2809



65.4584, 49.8483, 71.1931



43.0869, 36.3631, 34.4770



12.7376, 12.5465, 14.5584



19.2602, 9.6404, 13.9400



1.2018, 0.5975, 1.0520

Inverse Universe

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



46.2779, 37.6395, 51.2809



65.4584, 49.8483, 71.1931



46.3106, 57.9242, 66.4666



12.7376, 12.5465, 14.5584



19.2602, 9.6404, 13.9400



1.2018, 0.5975, 1.0520

Previews

White Background



This preview shows how the XYZ color 46.2768, 37.6378, 51.2801 looks on a white background.

Color Contrast Check

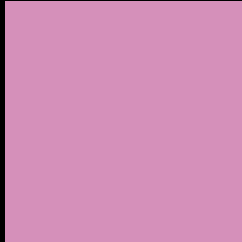
Large Text (above 18pt) WCAG AA × Fail

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 46.2768, 37.6378, 51.2801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

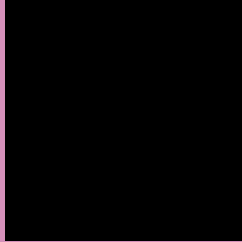
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2768, 37.6378, 51.2801

Background



This preview shows how black text looks on a background with the XYZ color 46.2768, 37.6378, 51.2801.



This preview shows how white text looks on a background with the XYZ color 46.2768, 37.6378,

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

46.2768, 37.6378, 51.2801

Protanopia

37.6848, 37.9435, 59.3705

Deuteranopia

38.5257, 37.7929, 50.0640



Tritanopia

43.6710, 37.7346, 38.2395

Trichromacy



Original Color

46.2768, 37.6378, 51.2801

Protanomaly

40.1547, 37.4740, 56.1558

Deuteranomaly

41.1121, 37.5947, 50.4371

Tritanomaly

44.4591, 37.5809, 42.4467

Monochromacy



Original Color

46.2768, 37.6378, 51.2801

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.3163, 38.5510, 45.8736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2768, 37.6378, 51.2801 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, 144, 186)` looks like.

```
.text, #text, p{  
    color:rgb(213, 144, 186)  
}
```

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, 144, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 144, 186) }
```

Border

The CSS property to change the border of an element to XYZ 46.2768, 37.6378, 51.2801 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, 144, 186) }
```


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

```
.border{ border-color:rgb(213, 144, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 144, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 144, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 144, 186);  
box-shadow:4px 4px 4px 4px rgb(213, 144,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2768, 37.6378, 51.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 144, 186) }
```

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

```
.background{ background-color: rgb(213,  
144, 186) }
```

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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