

Converting Colors

XYZ(46.2894, 37.5125, 42.6882)

Have a look what the booklet for
XYZ(46.2894, 37.5125, 42.6882)
contains.

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Color

**XYZ(46.2916, 37.6073,
42.8493)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DB8FAA |
| RGB | 219, 143, 170 |
| RGB Percent | 86%, 56%, 67% |
| CMY | 0.1412, 0.4392, 0.3333 |
| CMYK | 0.00, 0.35, 0.22, 0.14 |
| HSL | 339°, 51%, 71% |
| HSV | 339°, 35%, 86% |
| XYZ | 46.2916, 37.6073, 42.8493 |
| YIQ | 168.8020, 36.6290, 24.5090 |

Conversions

Conversions Part 2

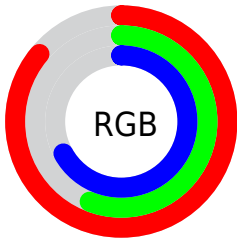
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 219, 143, 170 |
| Decimal | 14389162 |
| CIE Lab | 67.73, 32.49, -2.20 |
| CIE LCh | 68, 32.560, 356.124 |
| Yxy | 37.6073, 0.3652, 0.2967 |
| Android (android.graphics.Color) | 4292579242 (0xFFDB8FAA) |
| YUV | 168.8020, 0.5906, 44.0236 |
| Hunter-Lab | 61.3248, 27.4240, 1.4998 |

Details

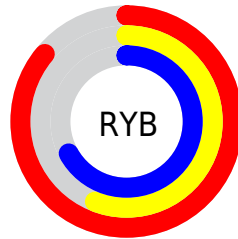
The XYZ color **46.2916, 37.6073, 42.8493** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **46.1753, 60.3094, 59.0794**, and the grayscale version is **37.5997, 39.5578, 43.0785**.

A 20% lighter version of the original color is **75.0247, 67.0844, 80.2285**, and **22.1154, 16.5767, 19.1736** is the 20% darker color. If you saturate the color by 10%, you get **42.0544, 31.1568, 35.1967**, and if you desaturate by 10%, it is **51.3162, 45.4022, 51.4731**.

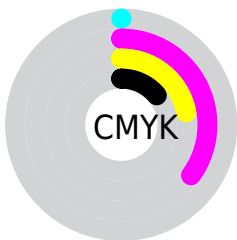
Distribution



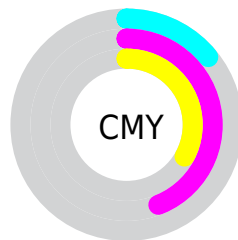
- Red (86%)
- Green (56%)
- Blue (67%)



- Red (86%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (14%)





- Cyan (14%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2916, 37.6073, 42.8493 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 46.2916, 37.6073, 42.8493 by changing the saturation by 10% instead.


 46.2916, 37.6073,
42.8493


 46.2916, 37.6073,
42.8493

362.6761,
335.9324, 373.8946

 32.6816, 25.6780,
29.4364


 83.8804, 71.5058,
80.7673

 22.0407, 16.5829,
19.1628


 108.5900, 94.2439,
106.1095

 14.0036, 9.9376,
11.6099


137.7300,
121.3537, 136.2651

 8.2049, 5.3576,
6.3594

171.6660,
153.2196, 171.6528

 4.2792, 2.4586,
2.9925

210.7632,
190.2260, 212.6911

 1.8613, 0.8558,
1.0908

255.3871,

 0.5542, 0.0000,

232.7574, 259.7984

0.0000

305.9029,
281.1980, 313.3934

0.0000, 0.0000,
0.0000

46.2916, 37.6073,
42.8493

46.2916, 37.6073,
42.8493

42.0544, 31.1568,
35.1967

51.3162, 45.4022,
51.4731

38.5594, 25.9686,
28.4768

57.1637, 54.6068,
61.0999

35.7614, 21.9598,
22.6516

63.8714, 65.2886,
71.7631

33.6090, 19.0352,
17.6790

71.4732, 77.5091,
83.4934

32.0428, 17.0846,
13.5132

80.0011, 91.3263,
96.3205

■ 30.9910, 15.9739,
10.1021

■ 82.9792, 93.7824,
108.1037

■ 30.5814, 15.6073,
8.5698

■ 83.0236, 93.8001,
108.3372

Harmonies

Analogous

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



44.3933, 37.6073, 58.4140



46.2916, 37.6073, 42.8493



45.1531, 37.6073, 29.9197

Triad

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



46.2916, 37.6073, 42.8493



31.6518, 37.6073, 20.7694



30.6189, 37.6073, 68.5275

Complementary

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



46.2916, 37.6073, 42.8493



46.1753, 60.3094, 59.0794

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.



27.7432, 37.6073, 54.3994



46.2916, 37.6073, 42.8493



28.2992, 37.6073, 27.3648

Square

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



46.2916, 37.6073, 42.8493



36.4025, 37.6073, 19.0588



26.9352, 37.6073, 39.1037



35.0947, 37.6073, 75.2779

Rectangle

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



46.2916, 37.6073, 42.8493



42.8778, 37.6073, 24.0470



26.9352, 37.6073, 39.1037



29.4500, 37.6073, 64.3430

Sweetspot

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



46.2927, 37.6091, 42.8501



84.9126, 83.7816, 93.0157



44.1296, 35.8551, 71.6130



17.8917, 17.4824, 19.4575



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.



46.2927, 37.6091, 42.8501



60.6713, 45.9513, 52.0953



45.5858, 39.8712, 31.2821



13.2461, 13.1276, 14.5574



18.1806, 9.2733, 5.3312



1.2180, 0.6169, 0.5571

Inverse Universe

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



46.2927, 37.6091, 42.8501



60.6713, 45.9513, 52.0953



46.8830, 56.4908, 75.4510



13.2461, 13.1276, 14.5574



18.1806, 9.2733, 5.3312



1.2180, 0.6169, 0.5571

Previews

White Background



This preview shows how the XYZ color 46.2916, 37.6073, 42.8493 looks on a white background.

Color Contrast Check

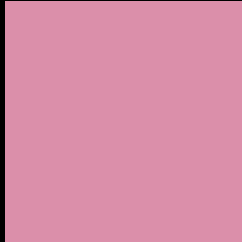
Large Text (above 18pt) WCAG AA × Fail

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 46.2916, 37.6073, 42.8493 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 46.2916, 37.6073, 42.8493

Background



This preview shows how black text looks on a background with the XYZ color 46.2916, 37.6073, 42.8493.



This preview shows how white text looks on a background with the XYZ color 46.2916, 37.6073,

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

46.2916, 37.6073, 42.8493

Protanopia

36.9270, 37.7563, 50.1412

Deuteranopia

38.6019, 37.7554, 41.8122



Tritanopia

45.0396, 37.5565, 36.3278

Trichromacy



Original Color

46.2916, 37.6073, 42.8493

Protanomaly

39.4528, 37.0586, 47.1931

Deuteranomaly

41.1292, 37.5405, 42.1241

Tritanomaly

45.3197, 37.4252, 38.5534

Monochromacy



Original Color

46.2916, 37.6073, 42.8493

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

40.2258, 38.5710, 42.8609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2916, 37.6073, 42.8493 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(219, 143, 170)` looks like.

```
.text, #text, p{  
    color:rgb(219, 143, 170)  
}
```

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(219, 143, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 143, 170) }
```

Border

The CSS property to change the border of an element to XYZ 46.2916, 37.6073, 42.8493 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(219, 143, 170) }
```


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

```
.border{ border-color:rgb(219, 143, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 143, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 143, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 143, 170);  
box-shadow:4px 4px 4px 4px rgb(219, 143,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2916, 37.6073, 42.8493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 143, 170) }
```

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

```
.background{ background-color: rgb(219,  
143, 170) }
```

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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