

Converting Colors

XYZ(45.4206, 41.7202, 69.2772)

Have a look what the booklet for
XYZ(45.4206, 41.7202, 69.2772)
contains.

XYZ(45.4206, 41.7202, 69.2772)	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(45.4206, 41.7202,
69.2772)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A4D6
RGB	185, 164, 214
RGB Percent	73%, 64%, 84%
CMY	0.2745, 0.3568, 0.1608
CMYK	0.14, 0.23, 0.00, 0.16
HSL	265°, 38%, 74%
HSV	265°, 23%, 84%
XYZ	45.4206, 41.7202, 69.2772
YIQ	175.9790, -3.5340, 20.0020

Conversions

Conversions Part 2

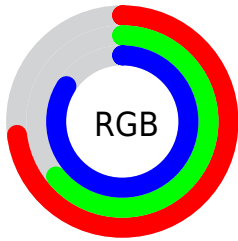
Format	Color
R _Y B	185, 164, 214
Decimal	12166358
CIE Lab	70.68, 17.30, -22.57
CIE LCh	71, 28.439, 307.463
Yxy	41.7202, 0.2904, 0.2667
Android (android.graphics.Color)	4290356438 (0xFFB9A4D6)
YUV	175.9790, 18.7444, 7.9114
Hunter-Lab	64.5912, 12.4869, -18.3776

Details

The XYZ color **45.4206, 41.7202, 69.2772** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.7411, 62.1120, 44.3329**, and the grayscale version is **41.1637, 43.3074, 47.1618**.

A 20% lighter version of the original color is **79.6571, 76.5838, 105.1915**, and **21.4123, 18.9168, 35.3237** is the 20% darker color. If you saturate the color by 10%, you get **39.0437, 33.2188, 67.9730**, and if you desaturate by 10%, it is **52.7059, 51.6486, 70.8103**.

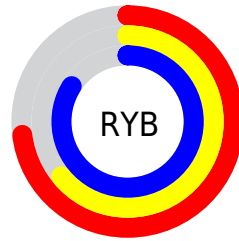
Distribution



Red (73%)

Green (64%)

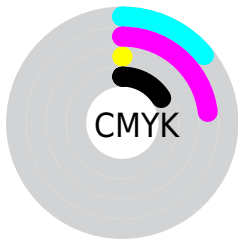
Blue (84%)



Red (73%)

Yellow (64%)

Blue (84%)

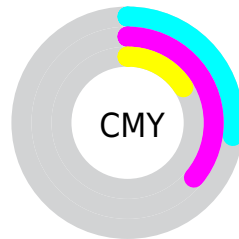


Cyan (14%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (27%)


Magenta (36%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4206, 41.7202, 69.2772 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 45.4206, 41.7202, 69.2772 by changing the saturation by 10% instead.


 45.4206, 41.7202,
69.2772

 45.4206, 41.7202,
69.2772


359.2294,
353.3217, 476.7284

 31.9915, 28.8823,
50.4643


 82.5844, 77.7760,
119.8488

 21.5105, 18.9918,
35.4087


 107.0498,
101.7626, 152.4447

 13.6123, 11.6643,
23.6918


135.9248,
130.2343, 190.4720

 7.9314, 6.5155,
14.8951

169.5746,
163.5754, 234.3492

 4.1025, 3.1610,
8.6000

208.3646,
202.1703, 284.4949

 1.7603, 1.2164,
4.3880

252.6602,

 0.4936, 0.0750,

246.4033, 341.3277

1.8405

302.8267,
296.6590, 405.2660

■ 0.0000, 0.0000,
0.4545

■ 0.0000, 0.0000,
0.0000

■ 45.4206, 41.7202,
69.2772

■ 45.4206, 41.7202,
69.2772

■ 39.0437, 33.2188,
67.9730

■ 52.7059, 51.6486,
70.8103

■ 33.5325, 26.0713,
66.8839

■ 60.9321, 63.0621,
72.5797

■ 28.8463, 20.2058,
65.9987

■ 70.1348, 76.0217,
74.5961

■ 24.9393, 15.5416,
65.3044

■ 80.3465, 90.5836,
76.8686

■ 21.7608, 11.9882,
64.7860

■ 86.2780, 96.1609,
77.6325

■ 19.2529, 9.4419,
64.4267

■ 89.1377, 97.6351,
77.7664

■ 17.3469, 7.7777,
64.2060

■ 16.3422, 7.0226,
64.1131

Harmonies

Analogous

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



40.8416, 41.7202, 76.2976



45.4206, 41.7202, 69.2772



48.6194, 41.7202, 56.1090

Triad

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



45.4206, 41.7202, 69.2772



43.2269, 41.7202, 25.4365



31.3358, 41.7202, 48.8784

Complementary

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



45.4206, 41.7202, 69.2772



52.7411, 62.1120, 44.3329

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.



31.8643, 41.7202, 36.1935



45.4206, 41.7202, 69.2772



38.4893, 41.7202, 24.2588

Square

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



45.4206, 41.7202, 69.2772



47.2845, 41.7202, 31.4075



34.3970, 41.7202, 27.7940



32.8916, 41.7202, 63.0966

Rectangle

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



45.4206, 41.7202, 69.2772



49.4057, 41.7202, 46.5841



34.3970, 41.7202, 27.7940



31.2778, 41.7202, 44.2877

Sweetspot

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



45.4219, 41.7219, 69.2781



85.9107, 87.2243, 106.9157



46.5557, 50.9627, 71.0020



18.2270, 18.4452, 22.8496



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.



45.4219, 41.7219, 69.2781



62.7186, 55.5691, 102.0280



51.9451, 45.0848, 69.5834



12.2319, 12.2610, 15.6594



9.9906, 4.3028, 38.7571



0.6958, 0.3076, 2.3420

Inverse Universe

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



50.6340, 44.6990, 56.4129



71.8899, 60.8120, 79.1925



46.9328, 59.1176, 44.0610



12.7222, 12.5404, 14.4775



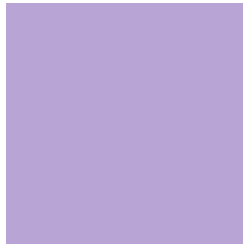
19.0186, 9.5438, 12.6681



1.1880, 0.5920, 0.9795

Previews

White Background



This preview shows how the XYZ color 45.4206, 41.7202, 69.2772 looks on a white background.

Color Contrast Check

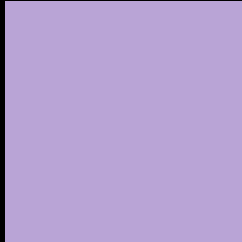
Large Text (above 18pt) WCAG AA × Fail

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 45.4206, 41.7202, 69.2772 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 45.4206, 41.7202, 69.2772

Background



This preview shows how black text looks on a background with the XYZ color 45.4206, 41.7202, 69.2772.



This preview shows how white text looks on a background with the XYZ color 45.4206, 41.7202,

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

45.4206, 41.7202, 69.2772

Protanopia

42.0470, 41.8174, 72.8733

Deuteranopia

42.7758, 41.7261, 68.7502



Tritanopia

41.7444, 41.8716, 50.6816

Trichromacy



Original Color

45.4206, 41.7202, 69.2772

Protanomaly

43.1046, 41.5611, 71.3959

Deuteranomaly

43.5082, 41.5555, 68.6787

Tritanomaly

43.0316, 41.8454, 56.8479

Monochromacy



Original Color

45.4206, 41.7202, 69.2772

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.6372, 42.8065, 54.7304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4206, 41.7202, 69.2772 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(185, 164, 214)` looks like.

```
.text, #text, p{  
    color:rgb(185, 164, 214)  
}
```

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(185, 164, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 164, 214) }
```

Border

The CSS property to change the border of an element to XYZ 45.4206, 41.7202, 69.2772 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(185, 164, 214) }
```


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

```
.border{ border-color:rgb(185, 164, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 164, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 164, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 164, 214);  
box-shadow:4px 4px 4px 4px rgb(185, 164,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4206, 41.7202, 69.2772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 164, 214) }
```

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

```
.background{ background-color: rgb(185,  
164, 214) }
```

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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