

Converting Colors

XYZ(52.4373, 41.3997, 66.6666)

Have a look what the booklet for
XYZ(52.4373, 41.3997, 66.6666)
contains.

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Color

**XYZ(52.4720, 41.4126,
66.8559)**

Conversions

Conversions Part 1

Format	Color
Hex	DE94D3
RGB	222, 148, 211
RGB Percent	87%, 58%, 83%
CMY	0.1294, 0.4196, 0.1725
CMYK	0.00, 0.33, 0.05, 0.13
HSL	309°, 53%, 73%
HSV	309°, 33%, 87%
XYZ	52.4720, 41.4126, 66.8559
YIQ	177.3080, 23.8810, 35.2810

Conversions

Conversions Part 2

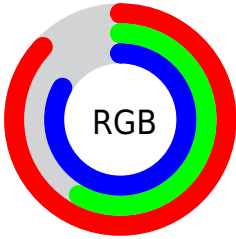
Format	Color
RYB	222, 148, 211
Decimal	14587091
CIELab	70.46, 37.48, -20.91
CIELCh	70, 42.922, 330.840
Yxy	41.4126, 0.3264, 0.2576
Android (android.graphics.Color)	4292777171 (0xFFDE94D3)
YUV	177.3080, 16.6102, 39.1949
Hunter-Lab	64.3526, 32.9287, -16.5495

Details

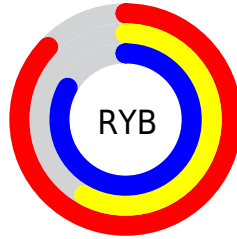
The XYZ color **52.4720, 41.4126, 66.8559** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.5938, 61.0430, 42.2356**, and the grayscale version is **41.8596, 44.0395, 47.9591**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **25.9095, 18.8730, 33.7298** is the 20% darker color. If you saturate the color by 10%, you get **48.9089, 34.9411, 63.6481**, and if you desaturate by 10%, it is **56.7139, 49.2268, 70.3328**.

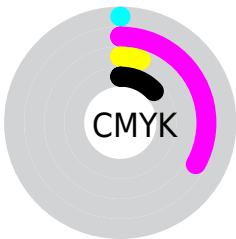
Distribution



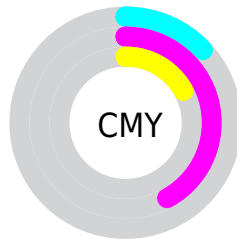
- Red (87%)
- Green (58%)
- Blue (83%)



- Red (87%)
- Yellow (58%)
- Blue (83%)



- Cyan (0%)
- Magenta (33%)
- Yellow (5%)
- Black (13%)





- Cyan (13%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4720, 41.4126, 66.8559 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 52.4720, 41.4126, 66.8559 by changing the saturation by 10% instead.


 52.4720, 41.4126,
66.8559

 52.4720, 41.4126,
66.8559


386.5502,
352.0421, 467.9192

 37.6072, 28.6416,
48.5067


 92.9971, 77.3098,
116.3526

 25.8538, 18.8099,
33.8655


 119.3881,
101.2049, 148.3371

 16.8464, 11.5330,
22.5137


150.3519,
129.5768, 185.7039

 10.2197, 6.4265,
14.0330

186.2538,
162.8098, 228.8713

 5.6082, 3.1061,
8.0046

227.4593,
201.2885, 278.2580

 2.6467, 1.1874,
4.0101

274.3336,

 0.9698, 0.0514,

245.3972, 334.2826

1.6309

327.2421,
295.5203, 397.3634

■ 0.0000, 0.0000,
0.3127

■ 0.0000, 0.0000,
0.0000

■ 52.4720, 41.4126,
66.8559

■ 52.4720, 41.4126,
66.8559

■ 48.9089, 34.9411,
63.6481

■ 56.7139, 49.2268,
70.3328

■ 45.9824, 29.7300,
60.6937

■ 61.6662, 58.4485,
74.0881

■ 43.6516, 25.6968,
57.9794

■ 67.3628, 69.1453,
78.1340

■ 41.8690, 22.7468,
55.4889

■ 73.8345, 81.3785,
82.4809

40.5801, 20.7707,
53.2039

79.8192, 92.6236,
86.7083

39.7186, 19.6363,
51.1020

80.2805, 92.8082,
89.1378

39.3097, 19.2038,
49.7780

80.7506, 92.9962,
91.6135

81.2296, 93.1878,
94.1357

81.7175, 93.3829,
96.7048

Harmonies

Analogous

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



46.7529, 41.4126, 87.4809



52.4720, 41.4126, 66.8559



54.5857, 41.4126, 44.5227

Triad

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



52.4720, 41.4126, 66.8559



39.1624, 41.4126, 16.2828



28.8013, 41.4126, 68.1500

Complementary

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



52.4720, 41.4126, 66.8559



44.5938, 61.0430, 42.2356

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.



27.2690, 41.4126, 45.6647



52.4720, 41.4126, 66.8559



32.7932, 41.4126, 19.2358

Square

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



52.4720, 41.4126, 66.8559



46.3667, 41.4126, 18.9141



28.6397, 41.4126, 28.6515



33.0999, 41.4126, 88.3721

Rectangle

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



52.4720, 41.4126, 66.8559



53.4885, 41.4126, 32.6059



28.6397, 41.4126, 28.6515



27.9704, 41.4126, 60.4153

Sweetspot

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



52.4733, 41.4145, 66.8568



86.8434, 84.5540, 103.1832



37.8510, 33.7115, 73.6201



18.3594, 17.6695, 21.9206



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.



52.4733, 41.4145, 66.8568



68.3351, 50.3240, 88.4227



48.4666, 39.8118, 45.7581



14.2028, 13.8988, 16.8383



23.3816, 11.4196, 29.7388



1.6448, 0.8012, 2.1885

Inverse Universe

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



52.4733, 41.4145, 66.8568



68.3351, 50.3240, 88.4227



48.1709, 62.4738, 61.0721



14.2028, 13.8988, 16.8383



23.3816, 11.4196, 29.7388



1.6448, 0.8012, 2.1885

Previews

White Background



This preview shows how the XYZ color 52.4720, 41.4126, 66.8559 looks on a white background.

Color Contrast Check

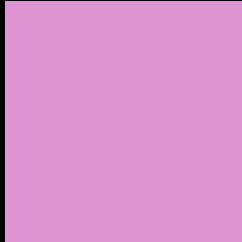
Large Text (above 18pt) WCAG AA × Fail

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 52.4720, 41.4126, 66.8559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

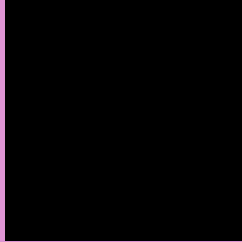
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4720, 41.4126, 66.8559

Background



This preview shows how black text looks on a background with the XYZ color 52.4720, 41.4126, 66.8559.



This preview shows how white text looks on a background with the XYZ color 52.4720, 41.4126,

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

52.4720, 41.4126, 66.8559

Protanopia

42.3327, 41.8400, 78.5178

Deuteranopia

42.4637, 41.6516, 64.8330



Tritanopia

47.5716, 41.3558, 42.5210

Trichromacy



Original Color

52.4720, 41.4126, 66.8559



Protanomaly

45.2044, 41.2386, 73.9839



Deuteranomaly

45.3652, 40.9910, 65.1955



Tritanomaly

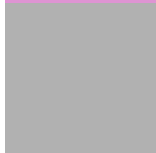
49.2564, 41.3032, 50.7236

Monochromacy



Original Color

52.4720, 41.4126, 66.8559



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

44.8138, 42.2840, 53.9438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4720, 41.4126, 66.8559 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(222, 148, 211)` looks like.

```
.text, #text, p{  
    color:rgb(222, 148, 211)  
}
```

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(222, 148, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 148, 211) }
```

Border

The CSS property to change the border of an element to XYZ 52.4720, 41.4126, 66.8559 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(222, 148, 211) }
```


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

```
.border{ border-color:rgb(222, 148, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 148, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 148, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 148, 211); box-shadow:4px 4px 4px 4px rgb(222, 148, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4720, 41.4126, 66.8559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 148, 211) }
```

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

```
.background{ background-color: rgb(222,  
148, 211) }
```

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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