

Converting Colors

XYZ(65.3958, 51.3851, 74.8782)

Have a look what the booklet for
XYZ(65.3958, 51.3851, 74.8782)
contains.

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Color

**XYZ(65.3958, 51.3851,
74.8782)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA2DD
RGB	250, 162, 221
RGB Percent	98%, 64%, 87%
CMY	0.0196, 0.3647, 0.1333
CMYK	0.00, 0.35, 0.12, 0.02
HSL	320°, 90%, 81%
HSV	320°, 35%, 98%
XYZ	65.3958, 51.3851, 74.8782
YIQ	195.0380, 33.5090, 37.0050

Conversions

Conversions Part 2

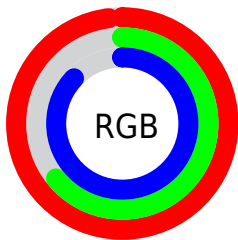
Format	Color
R_{YB}	250, 162, 221
Decimal	16425693
CIE _{Lab}	76.91, 40.93, -16.34
CIE _{LCh}	77, 44.069, 338.234
Yxy	51.3851, 0.3412, 0.2681
Android (android.graphics.Color)	4294615773 (0xFFFAA2DD)
YUV	195.0380, 12.7993, 48.2017
Hunter-Lab	71.6834, 37.3972, -11.7541

Details

The XYZ color **65.3958, 51.3851, 74.8782** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.4920, 79.8157, 61.6168**, and the grayscale version is **51.8080, 54.5060, 59.3570**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **34.0898, 24.8969, 39.0852** is the 20% darker color. If you saturate the color by 10%, you get **60.3512, 43.0092, 67.9132**, and if you desaturate by 10%, it is **71.3727, 61.5380, 82.4209**.

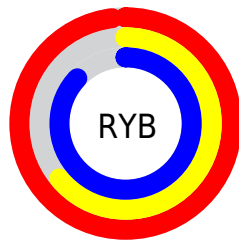
Distribution



Red (98%)

Green (64%)

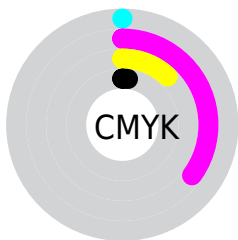
Blue (87%)



Red (98%)

Yellow (64%)

Blue (87%)

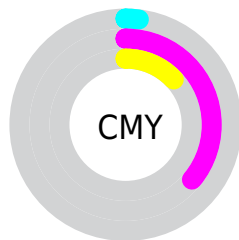


Cyan (0%)

Magenta (35%)

Yellow (12%)

Black (2%)



Cyan (2%)


Magenta (36%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3958, 51.3851, 74.8782 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 65.3958, 51.3851, 74.8782 by changing the saturation by 10% instead.


 65.3958, 51.3851,
74.8782


 65.3958, 51.3851,
74.8782


433.7357,
392.0581, 496.7431

 48.0480, 36.5152,
55.0120


 111.6812, 92.2238,
127.8854

 34.0763, 24.8323,
39.0127


 141.3496,
118.9613, 161.8636

 23.1154, 15.9522,
26.4617


175.8555,
150.4235, 201.3827

 14.7999, 9.4903,
16.9405

215.5643,
186.9947, 246.8614

 8.7645, 5.0624,
10.0306

260.8414,
229.0594, 298.7183

 4.6437, 2.2839,
5.3133

312.0520,

 2.0724, 0.7652,

277.0020, 357.3718

2.3703

369.5617,
331.2067, 423.2406

■ 0.6741, 0.0000,
0.7702

■ 0.0000, 0.0000,
0.0000

■ 65.3958, 51.3851,
74.8782

■ 65.3958, 51.3851,
74.8782

■ 60.3512, 43.0092,
67.9132

■ 71.3727, 61.5380,
82.4209

■ 56.1814, 36.2986,
61.5012

■ 78.3259, 73.5567,
90.5580

■ 52.8295, 31.1399,
55.6201

■ 86.3020, 87.5327,
99.3092

■ 50.2295, 27.4028,
50.2440

■ 93.0673, 98.9972,
107.9335

■ 48.3048, 24.9350,
45.3431

■ 93.2347, 99.0642,
108.8150

■ 46.9610, 23.5492,
40.8820

■ 46.4563, 23.1368,
38.8727

Harmonies

Analogous

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



59.5130, 51.3851, 100.6216



65.3958, 51.3851, 74.8782



66.5976, 51.3851, 49.5938

Triad

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



65.3958, 51.3851, 74.8782



46.5671, 51.3851, 21.5636



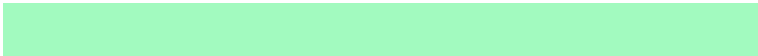
37.2387, 51.3851, 89.6674

Complementary

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



65.3958, 51.3851, 74.8782



58.4920, 79.8157, 61.6168

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.



34.5579, 51.3851, 62.8266



65.3958, 51.3851, 74.8782



39.5260, 51.3851, 26.9526

Square

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



65.3958, 51.3851, 74.8782



55.0659, 51.3851, 23.0896



35.3446, 51.3851, 40.5144



43.1020, 51.3851, 110.7215

Rectangle

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



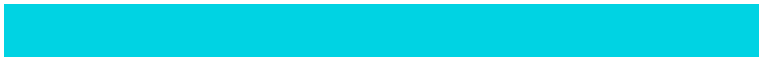
65.3958, 51.3851, 74.8782



64.4663, 51.3851, 36.8250



35.3446, 51.3851, 40.5144



35.9679, 51.3851, 80.7599

Sweetspot

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



65.3974, 51.3875, 74.8793



85.2925, 82.8097, 98.4808



51.3799, 43.6755, 96.1655



18.0185, 17.3091, 20.8158



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.



65.3974, 51.3875, 74.8793



64.6933, 47.5601, 73.2749



60.3959, 49.3869, 48.5418



17.7356, 17.4216, 20.4632



24.7109, 12.3001, 20.9838



2.3376, 1.1588, 2.2011

Inverse Universe

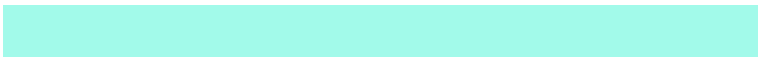
The Inverse Universe completely reimagines the original color for something new.



65.3974, 51.3875, 74.8793



64.6933, 47.5601, 73.2749



63.9198, 81.9868, 90.1990



17.7356, 17.4216, 20.4632



24.7109, 12.3001, 20.9838



2.3376, 1.1588, 2.2011

Previews

White Background



This preview shows how the XYZ color 65.3958, 51.3851, 74.8782 looks on a white background.

Color Contrast Check

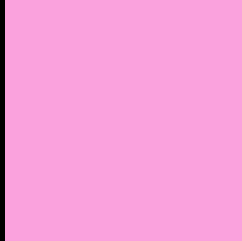
Large Text (above 18pt) WCAG AA × Fail

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 65.3958, 51.3851, 74.8782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

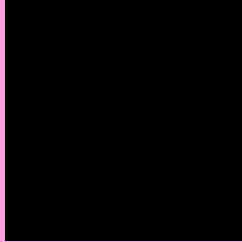
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3958, 51.3851, 74.8782

Background



This preview shows how black text looks on a background with the XYZ color 65.3958, 51.3851, 74.8782.



This preview shows how white text looks on a background with the XYZ color 65.3958, 51.3851,

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

65.3958, 51.3851, 74.8782

Protanopia

51.9233, 51.6634, 88.8967

Deuteranopia

52.6383, 51.4434, 72.8009



Tritanopia

60.2877, 51.1658, 50.9545

Trichromacy



Original Color

65.3958, 51.3851, 74.8782



Protanomaly

55.5874, 50.9038, 83.2396



Deuteranomaly

56.6959, 51.1052, 73.2058



Tritanomaly

61.9578, 51.0321, 58.8092

Monochromacy



Original Color

65.3958, 51.3851, 74.8782



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.8569, 52.6737, 64.3498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3958, 51.3851, 74.8782 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(250, 162, 221)` looks like.

```
.text, #text, p{  
    color:rgb(250, 162, 221)  
}
```

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(250, 162, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 162, 221) }
```

Border

The CSS property to change the border of an element to XYZ 65.3958, 51.3851, 74.8782 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(250, 162, 221) }
```


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

```
.border{ border-color:rgb(250, 162, 221) }
```

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

Here you see how a box with a 4 pixel rgb(250, 162, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 162, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 162, 221);  
box-shadow:4px 4px 4px 4px rgb(250, 162,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3958, 51.3851, 74.8782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 162, 221) }
```

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

```
.background{ background-color: rgb(250,  
162, 221) }
```

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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