

Converting Colors

XYZ(66.2439, 52.3341, 75.7173)

Have a look what the booklet for
XYZ(66.2439, 52.3341, 75.7173)
contains.

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Color

**XYZ(66.2439, 52.3341,
75.7173)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA4DE
RGB	251, 164, 222
RGB Percent	98%, 64%, 87%
CMY	0.0157, 0.3568, 0.1294
CMYK	0.00, 0.35, 0.12, 0.02
HSL	320°, 92%, 81%
HSV	320°, 35%, 98%
XYZ	66.2439, 52.3341, 75.7173
YIQ	196.6250, 33.2340, 36.4820

Conversions

Conversions Part 2

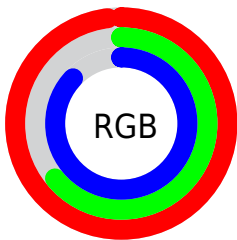
Format	Color
R _{YB}	251, 164, 222
Decimal	16491742
CIE Lab	77.48, 40.38, -16.02
CIE LCh	77, 43.438, 338.361
Yxy	52.3341, 0.3409, 0.2694
Android (android.graphics.Color)	4294681822 (0xFFFB44DE)
YUV	196.6250, 12.5099, 47.6869
Hunter-Lab	72.3423, 36.8535, -11.4164

Details

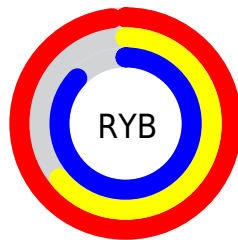
The XYZ color **66.2439, 52.3341, 75.7173** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.4349, 80.7386, 62.9072**, and the grayscale version is **52.7593, 55.5069, 60.4471**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **34.6518, 25.4964, 39.6542** is the 20% darker color. If you saturate the color by 10%, you get **61.0939, 43.7838, 68.6045**, and if you desaturate by 10%, it is **72.3391, 62.6842, 83.4208**.

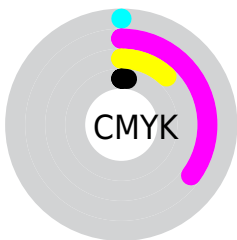
Distribution



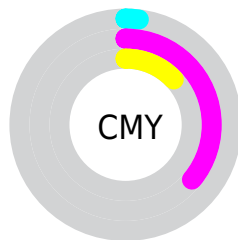
- Red (98%)
- Green (64%)
- Blue (87%)



- 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 66.2439, 52.3341, 75.7173 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 66.2439, 52.3341, 75.7173 by changing the saturation by 10% instead.


 66.2439, 52.3341,
75.7173


 66.2439, 52.3341,
75.7173


436.7235,
395.7251, 499.7005

 48.7389, 37.2714,
55.6955


 112.8921, 93.6238,
129.0836

 34.6261, 25.4177,
39.5565

 142.7660,
120.6196, 163.2652

 23.5401, 16.3886,
26.8817


177.4935,
152.3619, 203.0038

 15.1157, 9.7995,
17.2528

217.4401,
189.2352, 248.7179

 8.9875, 5.2662,
10.2510

262.9710,
231.6237, 300.8261

 4.7901, 2.4043,
5.4579

314.4517,

 2.1581, 0.8281,

279.9119, 359.7469

2.4550

372.2474,
334.4843, 425.8988

■ 0.7205, 0.0000,
0.8162

■ 0.0000, 0.0000,
0.0000

■ 66.2439, 52.3341,
75.7173

■ 66.2439, 52.3341,
75.7173

■ 61.0939, 43.7838,
68.6045

■ 72.3391, 62.6842,
83.4208

■ 56.8311, 36.9210,
62.0577

■ 79.4237, 74.9234,
91.7321

■ 53.3984, 31.6319,
56.0541

■ 87.5446, 89.1437,
100.6710

■ 50.7298, 27.7857,
50.5678

■ 93.5940, 99.2494,
108.8319

■ 48.7484, 25.2302,
45.5689

■ 47.3601, 23.7785,
41.0217

■ 46.7895, 23.3116,
38.7525

Harmonies

Analogous

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



60.4087, 52.3341, 101.2817



66.2439, 52.3341, 75.7173



67.4162, 52.3341, 50.5429

Triad

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



66.2439, 52.3341, 75.7173



47.4393, 52.3341, 22.4742



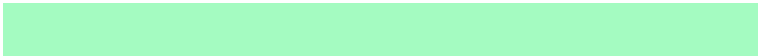
38.1640, 52.3341, 90.6251

Complementary

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



66.2439, 52.3341, 75.7173



59.4349, 80.7386, 62.9072

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.



35.4630, 52.3341, 63.9480



66.2439, 52.3341, 75.7173



40.4112, 52.3341, 27.9533

Square

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



66.2439, 52.3341, 75.7173



55.9133, 52.3341, 23.9900



36.2369, 52.3341, 41.6257



44.0423, 52.3341, 111.4328

Rectangle

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



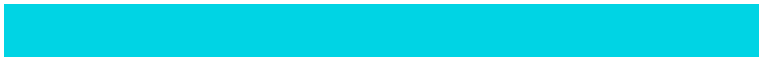
66.2439, 52.3341, 75.7173



65.2837, 52.3341, 37.7798



36.2369, 52.3341, 41.6257



36.8861, 52.3341, 81.7897

Sweetspot

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



66.2455, 52.3365, 75.7184



86.1092, 84.2603, 99.3167



52.6827, 44.8563, 97.1489



18.1810, 17.5981, 20.9810



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.



66.2455, 52.3365, 75.7184



64.6397, 47.5386, 72.9927



61.1473, 50.2972, 48.8715



17.7327, 17.4204, 20.4479



24.6647, 12.2816, 20.7405



2.3335, 1.1572, 2.1798

Inverse Universe

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



66.2455, 52.3365, 75.7184



64.6397, 47.5386, 72.9927



65.0219, 82.9734, 92.3281



17.7327, 17.4204, 20.4479



24.6647, 12.2816, 20.7405



2.3335, 1.1572, 2.1798

Previews

White Background



This preview shows how the XYZ color 66.2439, 52.3341, 75.7173 looks on a white background.

Color Contrast Check

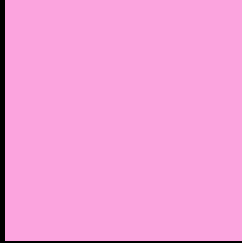
Large Text (above 18pt) WCAG AA × Fail

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 66.2439, 52.3341, 75.7173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

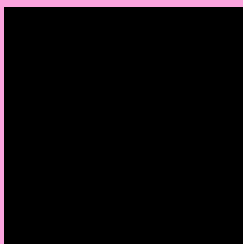
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2439, 52.3341, 75.7173

Background



This preview shows how black text looks on a background with the XYZ color 66.2439, 52.3341, 75.7173.



This preview shows how white text looks on a background with the XYZ color 66.2439, 52.3341,

75.7173.

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

66.2439, 52.3341, 75.7173

Protanopia

52.9640, 52.8215, 89.8421

Deuteranopia

53.7139, 52.6084, 73.6531



Tritanopia

61.2207, 52.1793, 52.1923

Trichromacy



Original Color

66.2439, 52.3341, 75.7173



Protanomaly

56.6855, 52.0528, 84.1503



Deuteranomaly

57.5216, 52.1064, 74.0437



Tritanomaly

62.9071, 52.0389, 60.1550

Monochromacy



Original Color

66.2439, 52.3341, 75.7173



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.1048, 53.9059, 65.7876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2439, 52.3341, 75.7173 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(251, 164, 222)` looks like.

```
.text, #text, p{  
    color:rgb(251, 164, 222)  
}
```

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(251, 164, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 164, 222) }
```

Border

The CSS property to change the border of an element to XYZ 66.2439, 52.3341, 75.7173 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(251, 164, 222) }
```


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

```
.border{ border-color:rgb(251, 164, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 164, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 164, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 164, 222);  
box-shadow:4px 4px 4px 4px rgb(251, 164,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2439, 52.3341, 75.7173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 164, 222) }
```

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

```
.background{ background-color: rgb(251,  
164, 222) }
```

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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