

Converting Colors

XYZ(66.6129, 53.9382, 73.7769)

Have a look what the booklet for
XYZ(66.6129, 53.9382, 73.7769)
contains.

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Color

**XYZ(66.7578, 53.9996,
73.9223)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA9DB
RGB	251, 169, 219
RGB Percent	98%, 66%, 86%
CMY	0.0157, 0.3372, 0.1412
CMYK	0.00, 0.33, 0.13, 0.02
HSL	323°, 91%, 82%
HSV	323°, 33%, 98%
XYZ	66.7578, 53.9996, 73.9223
YIQ	199.2180, 32.8220, 32.9340

Conversions

Conversions Part 2

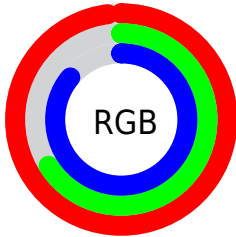
Format	Color
R_{YB}	251, 169, 219
Decimal	16493019
CIE _{Lab}	78.46, 37.29, -12.91
CIE _{LCh}	78, 39.463, 340.897
Yxy	53.9996, 0.3429, 0.2774
Android (android.graphics.Color)	4294683099 (0xFFFB9DB)
YUV	199.2180, 9.7525, 45.4128
Hunter-Lab	73.4844, 33.5627, -8.2042

Details

The XYZ color **66.7578, 53.9996, 73.9223** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.4042, 81.6480, 67.7852**, and the grayscale version is **54.3490, 57.1794, 62.2683**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **34.9386, 26.5086, 38.3972** is the 20% darker color. If you saturate the color by 10%, you get **61.2771, 45.0410, 65.9191**, and if you desaturate by 10%, it is **73.2139, 64.7860, 82.6262**.

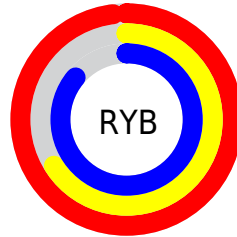
Distribution



Red (98%)

Green (66%)

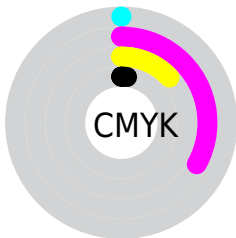
Blue (86%)



Red (98%)

Yellow (66%)

Blue (86%)

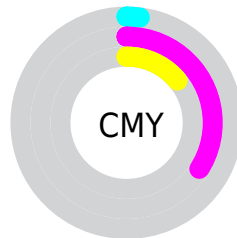


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (2%)



Cyan (2%)

Magenta (34%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7578, 53.9996, 73.9223 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 66.7578, 53.9996, 73.9223 by changing the saturation by 10% instead.

66.7578, 53.9996,
73.9223

66.7578, 53.9996,
73.9223

438.5282,
402.1085, 493.3614

49.1578, 38.6013,
54.2340

113.6250, 96.0737,
126.5187

34.9597, 26.4497,
38.3944

143.6229,
123.5182, 160.2639

23.7982, 17.1604,
25.9847

178.4842,
155.7471, 199.5318

15.3079, 10.3489,
16.5865

218.5742,
193.1445, 244.7410

9.1235, 5.6309,
9.7813

264.2582,
236.0950, 296.3101

4.8796, 2.6220,
5.1505

315.9016,

2.2108, 0.9377,

284.9829, 354.6574

2.2756

373.8699,
340.1926, 420.2017

■ 0.7484, 0.0000,
0.7175

■ 0.0000, 0.0000,
0.0000

■ 66.7578, 53.9996,
73.9223

■ 66.7578, 53.9996,
73.9223

■ 61.2771, 45.0410,
65.9191

■ 73.2139, 64.7860,
82.6262

■ 56.7142, 37.7994,
58.5894

■ 80.6892, 77.4880,
92.0500

■ 53.0127, 32.1634,
51.9083

■ 89.2305, 92.1966,
102.2158

■ 50.1077, 28.0052,
45.8475

■ 93.5940, 99.2494,
108.8319

■ 47.9242, 25.1773,
40.3752

■ 46.3720, 23.5013,
35.4539

■ 45.5374, 22.8108,
32.1588

Harmonies

Analogous

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



61.7287, 53.9996, 97.3816



66.7578, 53.9996, 73.9223



67.4186, 53.9996, 51.0810

Triad

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



66.7578, 53.9996, 73.9223



48.5551, 53.9996, 26.0209



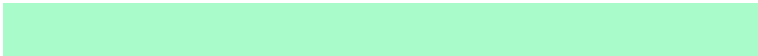
40.8507, 53.9996, 91.4523

Complementary

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



66.7578, 53.9996, 73.9223



61.4042, 81.6480, 67.7852

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.



38.0209, 53.9996, 67.2520



66.7578, 53.9996, 73.9223



42.1613, 53.9996, 32.0455

Square

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



66.7578, 53.9996, 73.9223



56.3656, 53.9996, 26.9511



38.4752, 53.9996, 45.8888



46.5943, 53.9996, 109.1358

Rectangle

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



66.7578, 53.9996, 73.9223



65.2254, 53.9996, 39.4668



38.4752, 53.9996, 45.8888



39.5547, 53.9996, 83.5874

Sweetspot

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



66.7594, 54.0021, 73.9234



85.8867, 84.1712, 98.1448



55.5382, 47.6829, 97.5441



18.1270, 17.5765, 20.6969



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.



66.7594, 54.0021, 73.9234



65.4721, 49.8538, 71.2653



62.0665, 52.1249, 49.2111



17.6893, 17.4031, 20.2195



24.0097, 12.0196, 17.2914



2.2757, 1.1340, 1.8753

Inverse Universe

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



66.7594, 54.0021, 73.9234



65.4721, 49.8538, 71.2653



66.8032, 83.8075, 96.2157



17.6893, 17.4031, 20.2195



24.0097, 12.0196, 17.2914



2.2757, 1.1340, 1.8753

Previews

White Background



This preview shows how the XYZ color 66.7578, 53.9996, 73.9223 looks on a white background.

Color Contrast Check

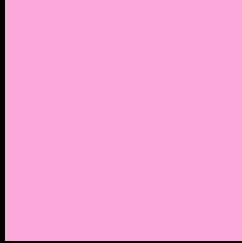
Large Text (above 18pt) WCAG AA × Fail

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 66.7578, 53.9996, 73.9223 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 66.7578, 53.9996, 73.9223

Background



This preview shows how black text looks on a background with the XYZ color 66.7578, 53.9996, 73.9223.



This preview shows how white text looks on a background with the XYZ color 66.7578, 53.9996,

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

66.7578, 53.9996, 73.9223

Protanopia

54.0729, 54.4524, 86.2577

Deuteranopia

55.3652, 54.1389, 71.8218



Tritanopia

62.7648, 54.0649, 54.7045

Trichromacy



Original Color

66.7578, 53.9996, 73.9223



Protanomaly

57.5778, 53.4934, 81.4193



Deuteranomaly

58.9414, 53.7859, 72.2409



Tritanomaly

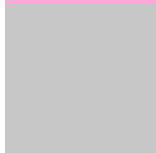
63.9638, 53.9671, 61.0783

Monochromacy



Original Color

66.7578, 53.9996, 73.9223



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.0372, 55.3281, 66.0130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7578, 53.9996, 73.9223 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, 169, 219)` looks like.

```
.text, #text, p{  
    color:rgb(251, 169, 219)  
}
```

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, 169, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 169, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.7578, 53.9996, 73.9223 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, 169, 219) }
```


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

```
.border{ border-color:rgb(251, 169, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 169, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 169, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 169, 219);  
box-shadow:4px 4px 4px 4px rgb(251, 169,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7578, 53.9996, 73.9223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 169, 219) }
```

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

```
.background{ background-color: rgb(251,  
169, 219) }
```

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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