

Converting Colors

XYZ(74.8750, 56.5114, 73.7160)

Have a look what the booklet for
XYZ(74.8750, 56.5114, 73.7160)
contains.

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Color

**XYZ(67.1234, 52.5689,
73.6268)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3DB
RGB	255, 163, 219
RGB Percent	100%, 64%, 86%
CMY	0.0000, 0.3608, 0.1412
CMYK	0.00, 0.36, 0.14, 0.00
HSL	323°, 100%, 82%
HSV	323°, 36%, 100%
XYZ	67.1234, 52.5689, 73.6268
YIQ	196.8920, 36.8560, 36.9200

Conversions

Conversions Part 2

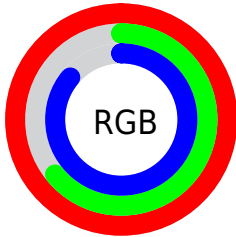
Format	Color
R _Y B	255, 163, 219
Decimal	16753627
CIE Lab	77.62, 41.73, -14.13
CIE LCh	78, 44.056, 341.291
Yxy	52.5689, 0.3472, 0.2719
Android (android.graphics.Color)	4294943707 (0xFFFFA3DB)
YUV	196.8920, 10.8992, 50.9607
Hunter-Lab	72.5044, 38.3697, -9.4547

Details

The XYZ color **67.1234, 52.5689, 73.6268** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.1750, 83.4310, 66.9156**, and the grayscale version is **52.9278, 55.6842, 60.6401**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **35.1954, 25.4879, 38.1866** is the 20% darker color. If you saturate the color by 10%, you get **61.7692, 43.9002, 65.5540**, and if you desaturate by 10%, it is **73.4716, 63.0992, 82.4208**.

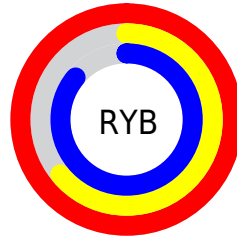
Distribution



Red (100%)

Green (64%)

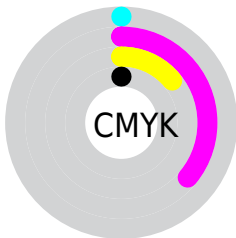
Blue (86%)



Red (100%)

Yellow (64%)

Blue (86%)

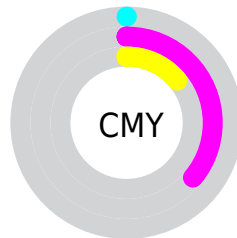


Cyan (0%)

Magenta (36%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1234, 52.5689, 73.6268 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 67.1234, 52.5689, 73.6268 by changing the saturation by 10% instead.


 67.1234, 52.5689,
73.6268


 67.1234, 52.5689,
73.6268


439.8095,
396.6290, 492.3132

 49.4560, 37.4587,
53.9937

 114.1460, 93.9697,
126.0958

 35.1974, 25.5629,
38.2035


 144.2320,
121.0291, 159.7687

 23.9822, 16.4969,
25.8376

179.1881,
152.8404, 198.9587

 15.4451, 9.8765,
16.4775

219.3798,
189.7880, 244.0843

 9.2207, 5.3171,
9.7047

265.1724,
232.2563, 295.5640

 4.9437, 2.4345,
5.1006

316.9314,

 2.2487, 0.8436,

280.6296, 353.8164

2.2466

375.0219,
335.2923, 419.2599

■ 0.7682, 0.0000,
0.7011

■ 0.0000, 0.0000,
0.0000

■ 67.1234, 52.5689,
73.6268

■ 67.1234, 52.5689,
73.6268

■ 61.7692, 43.9002,
65.5540

■ 73.4716, 63.0992,
82.4208

■ 57.3487, 36.9753,
58.1737

■ 80.8620, 75.5859,
91.9567

■ 53.8007, 31.6737,
51.4590

■ 89.3440, 90.1255,
102.2580

■ 51.0545, 27.8563,
45.3795

95.0500, 100.0000,
108.9000

■ 49.0276, 25.3607,
39.9001

■ 47.6178, 23.9849,
34.9793

■ 47.1743, 23.6337,
33.1797

Harmonies

Analogous

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



61.5607, 52.5689, 100.1693



67.1234, 52.5689, 73.6268



67.7928, 52.5689, 48.5440

Triad

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



67.1234, 52.5689, 73.6268



46.8291, 52.5689, 22.4819



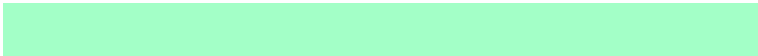
38.6501, 52.5689, 94.0704

Complementary

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



67.1234, 52.5689, 73.6268



61.1750, 83.4310, 66.9156

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.



35.5738, 52.5689, 66.9139



67.1234, 52.5689, 73.6268



39.9256, 52.5689, 28.7516

Square

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



67.1234, 52.5689, 73.6268



55.4004, 52.5689, 23.3342



36.0126, 52.5689, 43.4828



44.8975, 52.5689, 114.0947

Rectangle

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



67.1234, 52.5689, 73.6268



65.2949, 52.5689, 36.1840



36.0126, 52.5689, 43.4828



37.2448, 52.5689, 85.1947

Sweetspot

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



67.1246, 52.5711, 73.6279



85.0281, 82.7039, 97.0886



54.5084, 45.4592, 100.5093



17.9554, 17.2838, 20.4834



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.



67.1246, 52.5711, 73.6279



63.3142, 46.3760, 67.9624



61.9529, 50.5024, 46.3937



18.4739, 18.1729, 21.1127



24.7251, 12.3793, 17.7345



2.4611, 1.2268, 2.0095

Inverse Universe

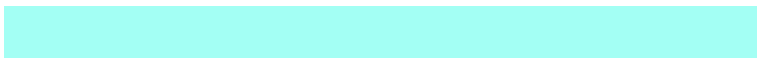
The Inverse Universe completely reimagines the original color for something new.



67.1246, 52.5711, 73.6279



63.3142, 46.3760, 67.9624



67.2353, 85.8551, 98.8290



18.4739, 18.1729, 21.1127



24.7251, 12.3793, 17.7345



2.4611, 1.2268, 2.0095

Previews

White Background



This preview shows how the XYZ color 67.1234, 52.5689, 73.6268 looks on a white background.

Color Contrast Check

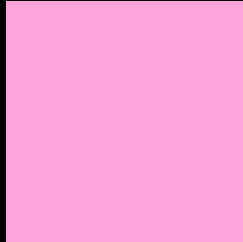
Large Text (above 18pt) WCAG AA × Fail

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 67.1234, 52.5689, 73.6268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

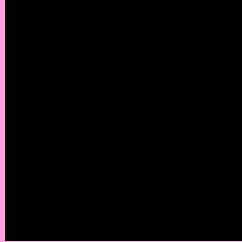
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1234, 52.5689, 73.6268

Background



This preview shows how black text looks on a background with the XYZ color 67.1234, 52.5689, 73.6268.



This preview shows how white text looks on a background with the XYZ color 67.1234, 52.5689,

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

67.1234, 52.5689, 73.6268

Protanopia

52.7556, 52.7651, 87.5249

Deuteranopia

53.8555, 52.7263, 71.6287



Tritanopia

62.7056, 52.6776, 51.6626

Trichromacy



Original Color

67.1234, 52.5689, 73.6268



Protanomaly

56.6166, 51.7656, 81.8706



Deuteranomaly

57.8303, 52.0143, 71.9575



Tritanomaly

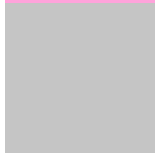
63.9274, 52.3184, 58.9537

Monochromacy



Original Color

67.1234, 52.5689, 73.6268



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.2818, 54.0111, 65.1637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1234, 52.5689, 73.6268 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(255, 163, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 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(255, 163, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 219) }
```

Border

The CSS property to change the border of an element to XYZ 67.1234, 52.5689, 73.6268 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(255, 163, 219) }
```


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

```
.border{ border-color:rgb(255, 163, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1234, 52.5689, 73.6268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 219) }
```

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

```
.background{ background-color: rgb(255,  
163, 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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