

Converting Colors

XYZ(52.6470, 31.9202, 43.2011)

Have a look what the booklet for
XYZ(52.6470, 31.9202, 43.2011)
contains.

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Color

**XYZ(52.7071, 31.9703,
43.4373)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5CAE
RGB	255, 92, 174
RGB Percent	100%, 36%, 68%
CMY	0.0000, 0.6392, 0.3176
CMYK	0.00, 0.64, 0.32, 0.00
HSL	330°, 100%, 68%
HSV	330°, 64%, 100%
XYZ	52.7071, 31.9703, 43.4373
YIQ	150.0850, 70.8260, 60.0580

Conversions

Conversions Part 2

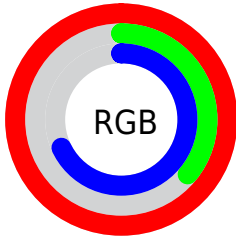
Format	Color
R _{YB}	255, 92, 174
Decimal	16735406
CIE Lab	63.32, 68.89, -10.47
CIE LCh	63, 69.686, 351.355
Yxy	31.9703, 0.4114, 0.2495
Android (android.graphics.Color)	4294925486 (0xFFFF5CAE)
YUV	150.0850, 11.7901, 92.0105
Hunter-Lab	56.5423, 67.4436, -5.9686

Details

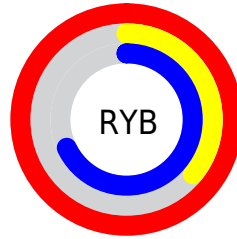
The XYZ color **52.7071, 31.9703, 43.4373** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **47.7183, 76.8133, 51.8512**, and the grayscale version is **28.9575, 30.4656, 33.1770**.

A 20% lighter version of the original color is **66.2892, 48.7298, 80.0407**, and **26.0111, 13.3748, 19.6230** is the 20% darker color. If you saturate the color by 10%, you get **49.6801, 27.8010, 36.6178**, and if you desaturate by 10%, it is **56.5955, 37.6755, 51.1196**.

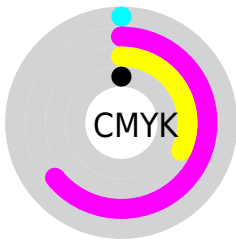
Distribution



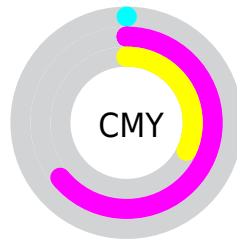
- Red (100%)
- Green (36%)
- Blue (68%)



- Red (100%)
- Yellow (36%)
- Blue (68%)



- Cyan (0%)
- Magenta (64%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7071, 31.9703, 43.4373 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 52.7071, 31.9703, 43.4373 by changing the saturation by 10% instead.


 52.7071, 31.9703,
43.4373

 52.7071, 31.9703,
43.4373

387.4396,
310.9839, 376.3810

 37.7955, 21.3388,
29.8944


 93.3413, 62.7645,
81.6638

 26.0005, 13.3719,
19.5071


 119.7946, 83.6961,
107.1845

 16.9567, 7.6851,
11.8568


 150.8260,
108.8297, 137.5348

 10.2988, 3.8941,
6.5249

 186.8006,
138.5499, 173.1335

 5.6613, 1.6145,
3.0929

228.0840,
173.2411, 214.3988

 2.6789, 0.3674,
1.1423

275.0413,

 0.9863, 0.0000,

213.2875, 261.7495

0.0000

328.0381,
259.0737, 315.6041

■ 0.0000, 0.0000,
0.0000

■ 52.7071, 31.9703,
43.4373

■ 52.7071, 31.9703,
43.4373

■ 49.6801, 27.8010,
36.6178

■ 56.5955, 37.6755,
51.1196

■ 47.4306, 25.0055,
30.6165

■ 61.4129, 45.0474,
59.7016

■ 45.8609, 23.3933,
25.3845

■ 67.2228, 54.2082,
69.2194

■ 45.1545, 22.8258,
22.5432

■ 74.0823, 65.2672,
79.7061

■ 82.0438, 78.3250,
91.1930

91.1561, 93.4749,
103.7094

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



47.3320, 31.9703, 79.7393



52.7071, 31.9703, 43.4373



51.1851, 31.9703, 18.8057

Triad

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



52.7071, 31.9703, 43.4373



24.1104, 31.9703, 5.0492



20.1975, 31.9703, 95.1081

Complementary

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



52.7071, 31.9703, 43.4373



47.7183, 76.8133, 51.8512

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.



16.1588, 31.9703, 58.0062



52.7071, 31.9703, 43.4373



18.0622, 31.9703, 11.0315

Square

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



52.7071, 31.9703, 43.4373



33.2662, 31.9703, 4.2534



15.4700, 31.9703, 27.4085



27.6786, 31.9703, 118.3747

Rectangle

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



52.7071, 31.9703, 43.4373



46.5770, 31.9703, 10.1594



15.4700, 31.9703, 27.4085



18.4645, 31.9703, 83.1367

Sweetspot

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



52.7080, 31.9720, 43.4379



77.8568, 71.4330, 85.2283



38.6265, 23.5101, 97.1098



16.1876, 14.5093, 17.5485



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.



52.7080, 31.9720, 43.4379



48.9080, 26.8008, 34.6830



47.1211, 29.7372, 14.0176



18.3906, 18.1395, 20.6739



23.6696, 11.9571, 12.1767



2.3598, 1.1863, 1.4760

Inverse Universe

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



52.7080, 31.9720, 43.4379



48.9080, 26.8008, 34.6830



57.7902, 80.8421, 104.8894



18.3906, 18.1395, 20.6739



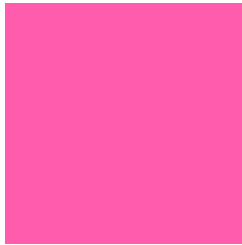
23.6696, 11.9571, 12.1767



2.3598, 1.1863, 1.4760

Previews

White Background



This preview shows how the XYZ color 52.7071, 31.9703, 43.4373 looks on a white background.

Color Contrast Check

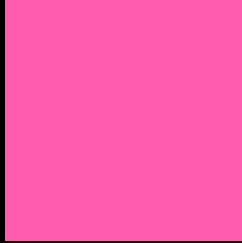
Large Text (above 18pt) WCAG AA × Fail

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 52.7071, 31.9703, 43.4373 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 52.7071, 31.9703, 43.4373

Background



This preview shows how black text looks on a background with the XYZ color 52.7071, 31.9703, 43.4373.



This preview shows how white text looks on a background with the XYZ color 52.7071, 31.9703,

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

52.7071, 31.9703, 43.4373

Protanopia

33.1639, 32.1078, 68.7395

Deuteranopia

32.7346, 32.0346, 40.5344



Tritanopia

47.5590, 31.8243, 19.2589

Trichromacy



Original Color

52.7071, 31.9703, 43.4373



Protanomaly

36.7681, 29.6004, 58.4191



Deuteranomaly

37.6456, 30.0387, 41.3500



Tritanomaly

49.1717, 31.7521, 26.4588

Monochromacy



Original Color

52.7071, 31.9703, 43.4373



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

34.8473, 28.8951, 36.5415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7071, 31.9703, 43.4373 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, 92, 174)` looks like.

```
.text, #text, p{  
  color:rgb(255, 92, 174)  
}
```

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, 92, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 174) }
```

Border

The CSS property to change the border of an element to XYZ 52.7071, 31.9703, 43.4373 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, 92, 174) }
```


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

```
.border{ border-color:rgb(255, 92, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 92, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7071, 31.9703, 43.4373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 174) }
```

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

```
.background{ background-color: rgb(255, 92,  
174) }
```

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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