

Converting Colors

XYZ(52.7628, 32.1019, 43.3932)

Have a look what the booklet for
XYZ(52.7628, 32.1019, 43.3932)
contains.

XYZ(52.7943, 32.1447, 43.4664)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.7943, 32.1447,
43.4664)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5DAE
RGB	255, 93, 174
RGB Percent	100%, 36%, 68%
CMY	0.0000, 0.6353, 0.3176
CMYK	0.00, 0.64, 0.32, 0.00
HSL	330°, 100%, 68%
HSV	330°, 64%, 100%
XYZ	52.7943, 32.1447, 43.4664
YIQ	150.6720, 70.5510, 59.5350

Conversions

Conversions Part 2

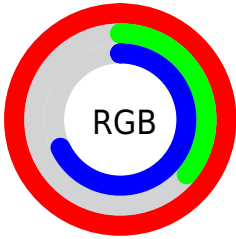
Format	Color
R _{YB}	255, 93, 174
Decimal	16735662
CIE _{Lab}	63.46, 68.50, -10.26
CIE _{LCh}	63, 69.265, 351.482
Yxy	32.1447, 0.4112, 0.2503
Android (android.graphics.Color)	4294925742 (0xFFFF5DAE)
YUV	150.6720, 11.5007, 91.4957
Hunter-Lab	56.6963, 66.9966, -5.7675

Details

The XYZ color **52.7943, 32.1447, 43.4664** 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 **47.9160, 76.9040, 52.3674**, and the grayscale version is **29.2082, 30.7293, 33.4643**.

A 20% lighter version of the original color is **66.4495, 49.0504, 80.0941**, and **26.0674, 13.4873, 19.6418** is the 20% darker color. If you saturate the color by 10%, you get **49.7327, 27.9172, 36.6013**, and if you desaturate by 10%, it is **56.7216, 37.9144, 51.2029**.

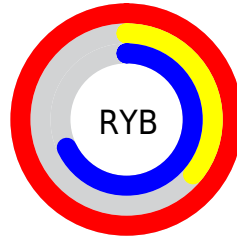
Distribution



Red (100%)

Green (36%)

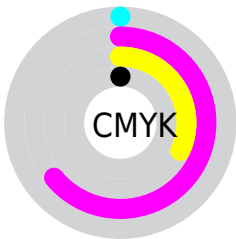
Blue (68%)



Red (100%)

Yellow (36%)

Blue (68%)

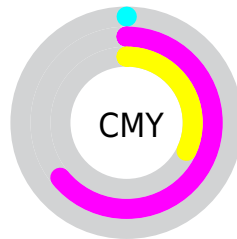


Cyan (0%)

Magenta (64%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7943, 32.1447, 43.4664 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 52.7943, 32.1447, 43.4664 by changing the saturation by 10% instead.


 52.7943, 32.1447,
43.4664

 52.7943, 32.1447,
43.4664

387.7692,
311.7779, 376.5038


 37.8654, 21.4720,
29.9171


 93.4689, 63.0379,
81.7081


 26.0550, 13.4695,
19.5242


 119.9454, 84.0272,
107.2376

 16.9977, 7.7526,
11.8690


 151.0017,
109.2241, 137.5976

 10.3281, 3.9371,
6.5331

 187.0033,
139.0132, 173.2066

 5.6810, 1.6384,
3.0979

228.3155,
173.7787, 214.4832

 2.6909, 0.3833,
1.1448

275.3036,

 0.9925, 0.0000,

213.9050, 261.8459

0.0000

328.3331,
259.7766, 315.7132

■ 0.0000, 0.0000,
0.0000

■ 52.7943, 32.1447,
43.4664

■ 52.7943, 32.1447,
43.4664

■ 49.7327, 27.9172,
36.6013

■ 56.7216, 37.9144,
51.2029

■ 47.4532, 25.0706,
30.5627

■ 61.5819, 45.3563,
59.8478

■ 45.8590, 23.4163,
25.3018

■ 67.4385, 54.5921,
69.4375

■ 45.1030, 22.8052,
22.2724

■ 74.3483, 65.7309,
80.0052

■ 82.3636, 78.8728,
91.5824

91.5332, 94.1111,
104.1987

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.



47.4708, 32.1447, 79.5599



52.7943, 32.1447, 43.4664



51.2498, 32.1447, 18.9371

Triad

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



52.7943, 32.1447, 43.4664



24.2549, 32.1447, 5.1976



20.4021, 32.1447, 95.1299

Complementary

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



52.7943, 32.1447, 43.4664



47.9160, 76.9040, 52.3674

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.



16.3467, 32.1447, 58.2616



52.7943, 32.1447, 43.4664



18.2237, 32.1447, 11.2573

Square

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



52.7943, 32.1447, 43.4664



33.3811, 32.1447, 4.3753



15.6432, 32.1447, 27.7114



27.8885, 32.1447, 118.1229

Rectangle

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



52.7943, 32.1447, 43.4664



46.6488, 32.1447, 10.2984



15.6432, 32.1447, 27.7114



18.6639, 32.1447, 83.2523

Sweetspot

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



52.7952, 32.1464, 43.4670



77.8358, 71.4246, 85.1178



39.4218, 24.0496, 97.1720



16.1826, 14.5072, 17.5219



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.



52.7952, 32.1464, 43.4670



49.0992, 27.0908, 35.0319



47.1314, 29.8808, 13.6416



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0346



2.3571, 1.1852, 1.4620

Inverse Universe

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



52.7952, 32.1464, 43.4670



49.0992, 27.0908, 35.0319



58.3252, 81.0676, 107.1813



18.3882, 18.1386, 20.6612



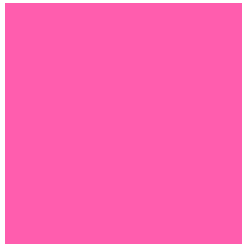
23.6427, 11.9464, 12.0346



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 52.7943, 32.1447, 43.4664 looks on a white background.

Color Contrast Check

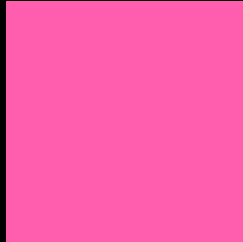
Large Text (above 18pt) WCAG AA × Fail

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 52.7943, 32.1447, 43.4664 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 52.7943, 32.1447, 43.4664

Background



This preview shows how black text looks on a background with the XYZ color 52.7943, 32.1447, 43.4664.



This preview shows how white text looks on a background with the XYZ color 52.7943, 32.1447,

43.4664.

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

52.7943, 32.1447, 43.4664

Protanopia

33.3575, 32.4624, 68.1261

Deuteranopia

33.0991, 32.4584, 40.5970



Tritanopia

47.7193, 32.0543, 19.5916

Trichromacy



Original Color

52.7943, 32.1447, 43.4664



Protanomaly

37.0155, 29.9398, 57.8609



Deuteranomaly

38.0376, 30.4354, 41.4059



Tritanomaly

49.3402, 31.9758, 26.8640

Monochromacy



Original Color

52.7943, 32.1447, 43.4664



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

35.2269, 29.2873, 36.5972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7943, 32.1447, 43.4664 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, 93, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 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, 93, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 174) }
```

Border

The CSS property to change the border of an element to XYZ 52.7943, 32.1447, 43.4664 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, 93, 174) }
```


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

```
.border{ border-color:rgb(255, 93, 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, 93, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7943, 32.1447, 43.4664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 174) }
```

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

```
.background{ background-color: rgb(255, 93,  
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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