

Converting Colors

XYZ(52.9296, 32.3410, 43.7404)

Have a look what the booklet for
XYZ(52.9296, 32.3410, 43.7404)
contains.

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Color

**XYZ(52.8827, 32.3214,
43.4958)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5EAE
RGB	255, 94, 174
RGB Percent	100%, 37%, 68%
CMY	0.0000, 0.6313, 0.3176
CMYK	0.00, 0.63, 0.32, 0.00
HSL	330°, 100%, 68%
HSV	330°, 63%, 100%
XYZ	52.8827, 32.3214, 43.4958
YIQ	151.2590, 70.2760, 59.0120

Conversions

Conversions Part 2

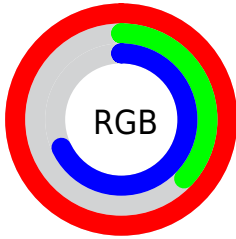
Format	Color
R _{YB}	255, 94, 174
Decimal	16735918
CIE _{Lab}	63.61, 68.10, -10.04
CIE _{LCh}	64, 68.840, 351.612
Yxy	32.3214, 0.4109, 0.2511
Android (android.graphics.Color)	4294925998 (0xFFFF5EAE)
YUV	151.2590, 11.2113, 90.9809
Hunter-Lab	56.8519, 66.5469, -5.5648

Details

The XYZ color **52.8827, 32.3214, 43.4958** 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 **48.1157, 76.9956, 52.8875**, and the grayscale version is **29.4601, 30.9944, 33.7529**.

A 20% lighter version of the original color is **66.6111, 49.3736, 80.1480**, and **26.1086, 13.5697, 19.6555** is the 20% darker color. If you saturate the color by 10%, you get **49.7861, 28.0353, 36.5845**, and if you desaturate by 10%, it is **56.8491, 38.1558, 51.2871**.

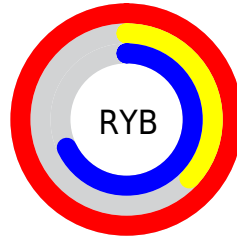
Distribution



Red (100%)

Green (37%)

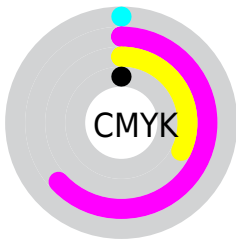
Blue (68%)



Red (100%)

Yellow (37%)

Blue (68%)

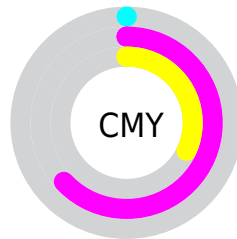


Cyan (0%)

Magenta (63%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8827, 32.3214, 43.4958 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 52.8827, 32.3214, 43.4958 by changing the saturation by 10% instead.


 52.8827, 32.3214,
43.4958


 52.8827, 32.3214,
43.4958

388.1032,
312.5807, 376.6277


 37.9362, 21.6071,
29.9400


 93.5983, 63.3146,
81.7529


 26.1102, 13.5685,
19.5414


 120.0981, 84.3623,
107.2913

 17.0392, 7.8212,
11.8814


 151.1798,
109.6233, 137.6610

 10.3579, 3.9807,
6.5414

 187.2087,
139.4819, 173.2805

 5.7010, 1.6628,
3.1029

228.5501,
174.3225, 214.5684

 2.7031, 0.3994,
1.1474

275.5694,

 0.9987, 0.0000,

214.5296, 261.9432

0.0000

328.6320,
260.4876, 315.8235

■ 0.0000, 0.0000,
0.0000

■ 52.8827, 32.3214,
43.4958

■ 52.8827, 32.3214,
43.4958

■ 49.7861, 28.0353,
36.5845

■ 56.8491, 38.1558,
51.2871

■ 47.4765, 25.1373,
30.5083

■ 61.7524, 45.6678,
59.9957

■ 45.8577, 23.4406,
25.2183

■ 67.6559, 54.9789,
69.6581

■ 45.0513, 22.7845,
22.0003

■ 74.6163, 66.1977,
80.3079

■ 82.6857, 79.4240,
91.9766

91.9129, 94.7508,
104.6943

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.



47.6113, 32.3214, 79.3794



52.8827, 32.3214, 43.4958



51.3155, 32.3214, 19.0701

Triad

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



52.8827, 32.3214, 43.4958



24.4013, 32.3214, 5.3502



20.6099, 32.3214, 95.1527

Complementary

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



52.8827, 32.3214, 43.4958



48.1157, 76.9956, 52.8875

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.



16.5378, 32.3214, 58.5206



52.8827, 32.3214, 43.4958



18.3876, 32.3214, 11.4882

Square

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



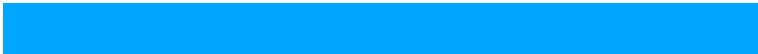
52.8827, 32.3214, 43.4958



33.4973, 32.3214, 4.5006



15.8191, 32.3214, 28.0195



28.1016, 32.3214, 117.8703

Rectangle

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



52.8827, 32.3214, 43.4958



46.7214, 32.3214, 10.4398



15.8191, 32.3214, 28.0195



18.8666, 32.3214, 83.3699

Sweetspot

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



52.8835, 32.3230, 43.4964



77.8146, 71.4162, 85.0061



39.6217, 24.2838, 97.2067



16.1775, 14.5052, 17.4950



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.



52.8835, 32.3230, 43.4964



49.0475, 27.0701, 34.7595



47.2643, 30.0753, 13.9058



18.3857, 18.1376, 20.6484



23.6155, 11.9355, 11.8918



2.3545, 1.1842, 1.4480

Inverse Universe

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



52.8835, 32.3230, 43.4964



49.0475, 27.0701, 34.7595



58.4270, 81.1202, 107.1861



18.3857, 18.1376, 20.6484



23.6155, 11.9355, 11.8918



2.3545, 1.1842, 1.4480

Previews

White Background



This preview shows how the XYZ color 52.8827, 32.3214, 43.4958 looks on a white background.

Color Contrast Check

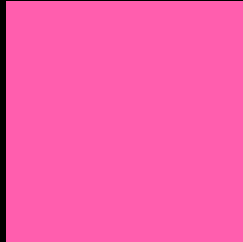
Large Text (above 18pt) WCAG AA × Fail

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 52.8827, 32.3214, 43.4958 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 52.8827, 32.3214, 43.4958

Background



This preview shows how black text looks on a background with the XYZ color 52.8827, 32.3214, 43.4958.



This preview shows how white text looks on a background with the XYZ color 52.8827, 32.3214,

43.4958.

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

52.8827, 32.3214, 43.4958

Protanopia

33.5192, 32.5458, 68.1336

Deuteranopia

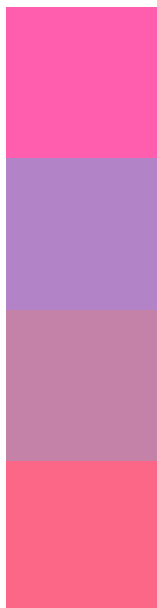
33.0991, 32.4584, 40.5970



Tritanopia

47.8814, 32.2869, 19.9280

Trichromacy



Original Color

52.8827, 32.3214, 43.4958

Protanomaly

37.0155, 29.9398, 57.8609

Deuteranomaly

38.1700, 30.7002, 41.4501

Tritanomaly

49.4391, 32.1735, 26.8969

Monochromacy



Original Color

52.8827, 32.3214, 43.4958

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 52.8827, 32.3214, 43.4958 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, 94, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 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, 94, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 174) }
```

Border

The CSS property to change the border of an element to XYZ 52.8827, 32.3214, 43.4958 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, 94, 174) }
```


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

```
.border{ border-color:rgb(255, 94, 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, 94, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8827, 32.3214, 43.4958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 174) }
```

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

```
.background{ background-color: rgb(255, 94,  
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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