

Converting Colors

XYZ(43.7992, 23.5534, 16.0243)

Have a look what the booklet for
XYZ(43.7992, 23.5534, 16.0243)
contains.

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Color

**XYZ(43.6626, 23.4847,
16.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	FC2B6B
RGB	252, 43, 107
RGB Percent	99%, 17%, 42%
CMY	0.0118, 0.8313, 0.5804
CMYK	0.00, 0.83, 0.58, 0.01
HSL	342°, 97%, 58%
HSV	342°, 83%, 99%
XYZ	43.6626, 23.4847, 16.1417
YIQ	112.7870, 104.0200, 64.2120

Conversions

Conversions Part 2

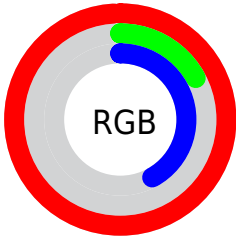
Format	Color
R_{YB}	252, 43, 107
Decimal	16526187
CIE _{Lab}	55.57, 77.32, 17.54
CIE _{LCh}	56, 79.280, 12.784
Yxy	23.4847, 0.5242, 0.2820
Android (android.graphics.Color)	4294716267 (0xFFFC2B6B)
YUV	112.7870, -2.8530, 122.0898
Hunter-Lab	48.4610, 76.0189, 14.1740

Details

The XYZ color **43.6626, 23.4847, 16.1417** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **44.8865, 73.7662, 59.4601**, and the grayscale version is **15.6223, 16.4358, 17.8986**.

A 20% lighter version of the original color is **53.2057, 35.3170, 36.3604**, and **21.5546, 11.0176, 5.2655** is the 20% darker color. If you saturate the color by 10%, you get **42.1830, 21.8521, 11.5597**, and if you desaturate by 10%, it is **45.8940, 26.3238, 21.8922**.

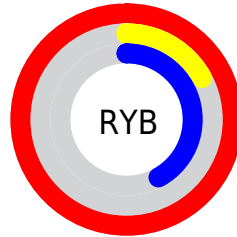
Distribution



Red (99%)

Green (17%)

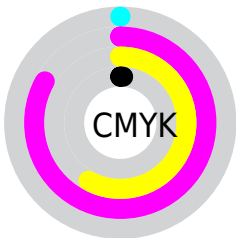
Blue (42%)



Red (99%)

Yellow (17%)

Blue (42%)

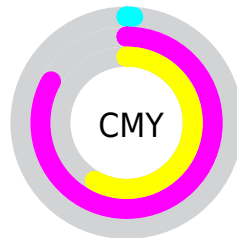


Cyan (0%)

Magenta (83%)

Yellow (58%)

Black (1%)



Cyan (1%)


Magenta (83%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6626, 23.4847, 16.1417 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 43.6626, 23.4847, 16.1417 by changing the saturation by 10% instead.


 43.6626, 23.4847,
16.1417


 43.6626, 23.4847,
16.1417


352.2052,
270.2048, 242.0506


 30.6021, 14.9518,
9.4690


 79.9593, 49.1880,
37.6142

 20.4464, 8.7856,
4.9474


 103.9262, 67.1272,
53.2512


 12.8301, 4.6016,
2.1582


 132.2593, 88.9706,
72.7133

 7.3878, 2.0155,
0.6501

 165.3240,
115.1026, 96.4192

 3.7543, 0.6164,
0.0000

 203.4855,
145.9077, 124.7873

 1.5641, 0.0000,
0.0000

247.1093,

 0.3688, 0.0000,

181.7701, 158.2362

0.0000

296.5608,
223.0744, 197.1845

■ 0.0000, 0.0000,
0.0000

■ 43.6626, 23.4847,
16.1417

■ 43.6626, 23.4847,
16.1417

■ 42.1830, 21.8521,
11.5597

■ 45.8940, 26.3238,
21.8922

■ 41.4896, 21.2333,
8.9610

■ 48.9763, 30.5501,
28.8949

■ 52.9939, 36.3177,
37.2252

■ 58.0205, 43.7592,
46.9519

■ 64.1217, 52.9928,
58.1383

71.3576, 64.1256,
70.8440

79.7838, 77.2568,
85.1246

89.4519, 92.4781,
101.0332

93.9547, 99.4354,
108.8487

Harmonies

Analogous

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



43.1260, 23.4847, 43.1088



43.6626, 23.4847, 16.1417



37.4844, 23.4847, 4.5776

Triad

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



43.6626, 23.4847, 16.1417



12.5538, 23.4847, 3.7737



17.6054, 23.4847, 107.4545

Complementary

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



43.6626, 23.4847, 16.1417



44.8865, 73.7662, 59.4601

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.



11.9234, 23.4847, 75.7844



43.6626, 23.4847, 16.1417



9.5880, 23.4847, 13.5811

Square

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



43.6626, 23.4847, 16.1417



18.7258, 23.4847, 1.3316



9.3932, 23.4847, 38.1011



26.3503, 23.4847, 110.0441

Rectangle

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



43.6626, 23.4847, 16.1417



31.1538, 23.4847, 2.0137



9.3932, 23.4847, 38.1011



15.3395, 23.4847, 99.2154

Sweetspot

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



43.6632, 23.4861, 16.1421



71.6541, 63.3222, 69.9212



38.6418, 19.1743, 93.7594



14.7673, 12.6758, 13.9701



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.



43.6632, 23.4861, 16.1421



42.6177, 21.8111, 9.1847



43.5483, 26.8044, 5.1659



17.4634, 17.3127, 19.0299



21.6698, 11.0837, 4.9699



2.0521, 1.0446, 0.6978

Inverse Universe

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



43.6632, 23.4861, 16.1421



42.6177, 21.8111, 9.1847



42.5350, 55.4769, 100.5613



17.4634, 17.3127, 19.0299



21.6698, 11.0837, 4.9699



2.0521, 1.0446, 0.6978

Previews

White Background



This preview shows how the XYZ color 43.6626, 23.4847, 16.1417 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 43.6626, 23.4847, 16.1417 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 × Fail

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

XYZ 43.6626, 23.4847, 16.1417

Background



This preview shows how black text looks on a background with the XYZ color 43.6626, 23.4847, 16.1417.

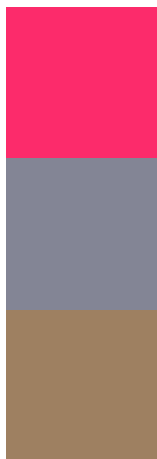


This preview shows how white text looks on a background with the XYZ color 43.6626, 23.4847,

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

43.6626, 23.4847, 16.1417

Protanopia

23.1724, 23.7703, 31.8006

Deuteranopia

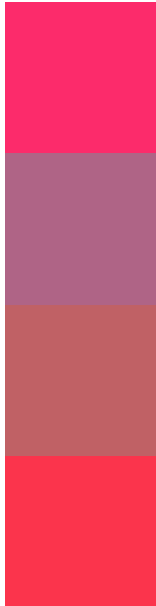
23.9774, 23.5705, 14.5951



Tritanopia

41.6512, 23.5557, 6.3544

Trichromacy



Original Color

43.6626, 23.4847, 16.1417

Protanomaly

26.5394, 19.9495, 25.0061

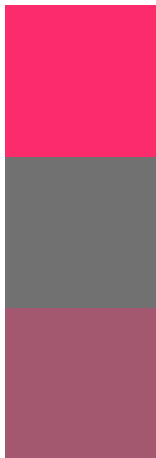
Deuteranomaly

28.3619, 20.6954, 14.8117

Tritanomaly

42.3162, 23.4870, 9.1406

Monochromacy



Original Color

43.6626, 23.4847, 16.1417

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

21.6688, 16.0197, 16.9890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6626, 23.4847, 16.1417 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(252, 43, 107)` looks like.

```
.text, #text, p{  
    color:rgb(252, 43, 107)  
}
```

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(252, 43, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 43, 107) }
```

Border

The CSS property to change the border of an element to XYZ 43.6626, 23.4847, 16.1417 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(252, 43, 107) }
```


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

```
.border{ border-color:rgb(252, 43, 107) }
```

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

Here you see how a box with a 4 pixel rgb(252, 43, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 43, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 43, 107);  
box-shadow:4px 4px 4px 4px rgb(252, 43,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6626, 23.4847, 16.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 43, 107) }
```

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

```
.background{ background-color: rgb(252, 43,  
107) }
```

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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