

Converting Colors

XYZ(43.2075, 23.6660, 16.0186)

Have a look what the booklet for
XYZ(43.2075, 23.6660, 16.0186)
contains.

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Color

**XYZ(43.1665, 23.6458,
15.9246)**

Conversions

Conversions Part 1

Format	Color
Hex	FA326A
RGB	250, 50, 106
RGB Percent	98%, 20%, 42%
CMY	0.0196, 0.8039, 0.5843
CMYK	0.00, 0.80, 0.58, 0.02
HSL	343°, 95%, 59%
HSV	343°, 80%, 98%
XYZ	43.1665, 23.6458, 15.9246
YIQ	116.1840, 101.2240, 59.8160

Conversions

Conversions Part 2

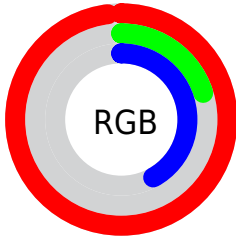
Format	Color
R_{YB}	250, 50, 106
Decimal	16396906
CIE Lab	55.73, 75.14, 18.30
CIE LCh	56, 77.341, 13.688
Yxy	23.6458, 0.5217, 0.2858
Android (android.graphics.Color)	4294586986 (0xFFFA326A)
YUV	116.1840, -5.0207, 117.3566
Hunter-Lab	48.6269, 73.3586, 14.6223

Details

The XYZ color **43.1665, 23.6458, 15.9246** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **45.2412, 72.9453, 62.7440**, and the grayscale version is **16.6524, 17.5196, 19.0788**.

A 20% lighter version of the original color is **53.5712, 36.1851, 36.0592**, and **21.0391, 10.7549, 5.1047** is the 20% darker color. If you saturate the color by 10%, you get **41.5336, 21.7245, 11.2364**, and if you desaturate by 10%, it is **45.5796, 26.8137, 21.8426**.

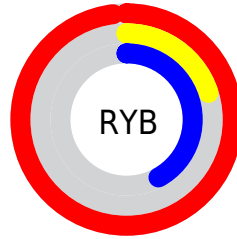
Distribution



Red (98%)

Green (20%)

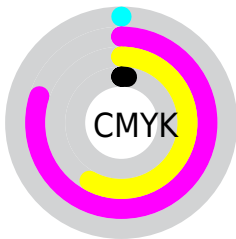
Blue (42%)



Red (98%)

Yellow (20%)

Blue (42%)

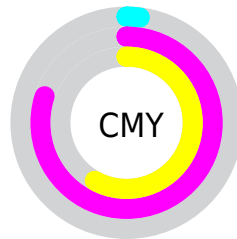


Cyan (0%)

Magenta (80%)

Yellow (58%)

Black (2%)



Cyan (2%)

Magenta (80%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1665, 23.6458, 15.9246 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 43.1665, 23.6458, 15.9246 by changing the saturation by 10% instead.

 43.1665, 23.6458,
15.9246


 43.1665, 23.6458,
15.9246


350.2060,
271.0248, 240.7269


 30.2109, 15.0711,
9.3170


 79.2162, 49.4516,
37.2322


 20.1476, 8.8693,
4.8489


 103.0410, 67.4514,
52.7694


 12.6112, 4.6560,
2.1017


 131.2195, 89.3618,
72.1201

 7.2365, 2.0469,
0.6168

 164.1172,
115.5670, 95.7030

 3.6581, 0.6345,
0.0000

 202.0993,
146.4516, 123.9366

 1.5106, 0.0000,
0.0000

245.5312,

 0.3330, 0.0000,

182.3998, 157.2394

0.0000

294.7783,
223.7961, 196.0300

■ 0.0000, 0.0000,
0.0000

■ 43.1665, 23.6458,
15.9246

■ 43.1665, 23.6458,
15.9246

■ 41.5336, 21.7245,
11.2364

■ 45.5796, 26.8137,
21.8426

■ 40.5298, 20.7665,
7.6661


■ 48.8657, 31.3946,
29.0767


■ 40.5292, 20.7659,
7.6640


■ 53.1055, 37.5337,
37.7056


■ 58.3698, 45.3566,
47.8010

■ 64.7221, 54.9763,
59.4293

 72.2211, 66.4958,
72.6529

 80.9210, 80.0102,
87.5303

 90.8722, 95.6084,
104.1171

 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



42.8583, 23.6458, 41.8355



43.1665, 23.6458, 15.9246



37.0095, 23.6458, 4.7192

Triad

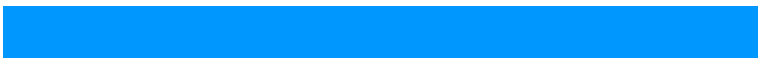
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.1665, 23.6458, 15.9246



12.7220, 23.6458, 4.2322



18.0625, 23.6458, 105.4930

Complementary

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



43.1665, 23.6458, 15.9246



45.2412, 72.9453, 62.7440

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.



12.3518, 23.6458, 75.5959



43.1665, 23.6458, 15.9246



9.8630, 23.6458, 14.4229

Square

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



43.1665, 23.6458, 15.9246



18.7153, 23.6458, 1.5556



9.7479, 23.6458, 38.9505



26.7064, 23.6458, 106.9661

Rectangle

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



43.1665, 23.6458, 15.9246



30.8101, 23.6458, 2.1847



9.7479, 23.6458, 38.9505



15.7970, 23.6458, 97.8497

Sweetspot

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



43.1671, 23.6472, 15.9250



72.2367, 64.4544, 70.2172



40.4752, 20.5667, 92.2787



14.8705, 12.8889, 13.9841



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.



43.1671, 23.6472, 15.9250



42.7522, 22.0420, 9.3469



43.9452, 28.4441, 6.1936



17.4443, 17.3051, 18.9294



21.5505, 11.0359, 4.3414



2.0390, 1.0393, 0.6289

Inverse Universe

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



43.1671, 23.6472, 15.9250



42.7522, 22.0420, 9.3469



40.8045, 52.0466, 98.3376



17.4443, 17.3051, 18.9294



21.5505, 11.0359, 4.3414



2.0390, 1.0393, 0.6289

Previews

White Background



This preview shows how the XYZ color 43.1665, 23.6458, 15.9246 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 43.1665, 23.6458, 15.9246 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 43.1665, 23.6458, 15.9246

Background



This preview shows how black text looks on a background with the XYZ color 43.1665, 23.6458, 15.9246.



This preview shows how white text looks on a background with the XYZ color 43.1665, 23.6458,

15.9246.

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

43.1665, 23.6458, 15.9246

Protanopia

23.1712, 23.8059, 30.1618

Deuteranopia

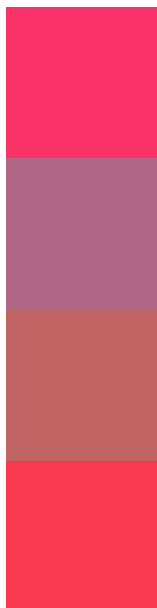
24.1286, 23.6538, 14.3603



Tritanopia

41.2773, 23.6528, 7.0925

Trichromacy



Original Color

43.1665, 23.6458, 15.9246

Protanomaly

26.8515, 20.5693, 24.0278

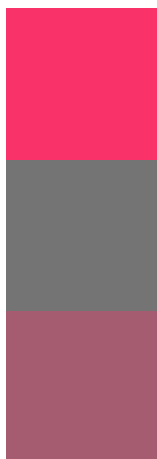
Deuteranomaly

28.5956, 21.2409, 14.6493

Tritanomaly

41.9413, 23.6305, 9.7477

Monochromacy



Original Color

43.1665, 23.6458, 15.9246

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

22.2688, 16.8235, 17.4028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1665, 23.6458, 15.9246 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(250, 50, 106)` looks like.

```
.text, #text, p{  
    color:rgb(250, 50, 106)  
}
```

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(250, 50, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 50, 106) }
```

Border

The CSS property to change the border of an element to XYZ 43.1665, 23.6458, 15.9246 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(250, 50, 106) }
```


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

```
.border{ border-color:rgb(250, 50, 106) }
```

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

Here you see how a box with a 4 pixel rgb(250, 50, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 50, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 50, 106);  
box-shadow:4px 4px 4px 4px rgb(250, 50,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1665, 23.6458, 15.9246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 50, 106) }
```

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

```
.background{ background-color: rgb(250, 50,  
106) }
```

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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