

Converting Colors

XYZ(43.4078, 23.2523, 29.9275)

Have a look what the booklet for
XYZ(43.4078, 23.2523, 29.9275)
contains.

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Color

**XYZ(43.2451, 23.1943,
29.8014)**

Conversions

Conversions Part 1

Format	Color
Hex	F32F93
RGB	243, 47, 147
RGB Percent	95%, 18%, 58%
CMY	0.0471, 0.8156, 0.4235
CMYK	0.00, 0.81, 0.40, 0.05
HSL	329°, 89%, 57%
HSV	329°, 81%, 95%
XYZ	43.2451, 23.1943, 29.8014
YIQ	117.0040, 84.7160, 72.6520

Conversions

Conversions Part 2

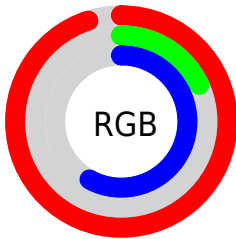
Format	Color
R_{YB}	243, 47, 147
Decimal	15937427
CIE _{Lab}	55.27, 77.36, -6.97
CIE _{LCh}	55, 77.672, 354.850
Yxy	23.1943, 0.4493, 0.2410
Android (android.graphics.Color)	4294127507 (0xFFFF32F93)
YUV	117.0040, 14.7880, 110.4985
Hunter-Lab	48.1605, 76.0011, -2.9760

Details

The XYZ color **43.2451, 23.1943, 29.8014** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **38.1827, 66.6895, 36.8529**, and the grayscale version is **16.8494, 17.7269, 19.3046**.

A 20% lighter version of the original color is **57.9133, 37.7385, 59.4902**, and **21.2137, 10.6868, 12.2539** is the 20% darker color. If you saturate the color by 10%, you get **41.6429, 21.4083, 24.8950**, and if you desaturate by 10%, it is **45.4851, 26.1013, 35.3976**.

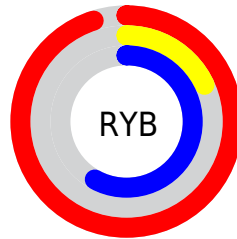
Distribution



Red (95%)

Green (18%)

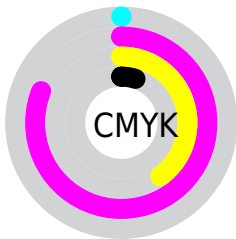
Blue (58%)



Red (95%)

Yellow (18%)

Blue (58%)

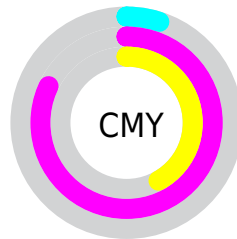


Cyan (0%)

Magenta (81%)

Yellow (40%)

Black (5%)



Cyan (5%)


Magenta (82%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2451, 23.1943, 29.8014 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 43.2451, 23.1943, 29.8014 by changing the saturation by 10% instead.


 43.2451, 23.1943,
29.8014


 43.2451, 23.1943,
29.8014


350.5232,
268.7214, 315.1561

 30.2728, 14.7370,
19.4371

 79.3340, 48.7122,
60.4053

 20.1949, 8.6350,
11.8066


 103.1813, 66.5416,
81.4819


 12.6459, 4.5039,
6.4912


 131.3844, 88.2638,
106.9664

 7.2605, 1.9592,
3.0724

 164.3086,
114.2633, 137.2774

 3.6733, 0.5836,
1.1317

 202.3192,
144.9244, 172.8333

 1.5190, 0.0000,
0.0000

245.7816,

 0.3387, 0.0000,

180.6315, 214.0527

0.0000

295.0612,
221.7690, 261.3541

■ 0.0000, 0.0000,
0.0000

■ 43.2451, 23.1943,
29.8014

■ 43.2451, 23.1943,
29.8014

■ 41.6429, 21.4083,
24.8950

■ 45.4851, 26.1013,
35.3976

■ 40.5983, 20.5091,
20.8777


■ 48.4423, 30.2835,
41.7234


■ 52.1855, 35.8743,
48.8152


■ 56.7747, 42.9894,
56.7056

■ 62.2636, 51.7323,
65.4249

 68.7012, 62.1973,
75.0013

 76.1331, 74.4716,
85.4615

 84.6015, 88.6363,
96.8306

 90.6319, 97.7386,
107.9614

Harmonies

Analogous

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



38.7390, 23.1943, 64.0746



43.2451, 23.1943, 29.8014



40.9659, 23.1943, 10.0019

Triad

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



43.2451, 23.1943, 29.8014



15.7385, 23.1943, 1.9585



13.7520, 23.1943, 88.1344

Complementary

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



43.2451, 23.1943, 29.8014



38.1827, 66.6895, 36.8529

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.



10.0872, 23.1943, 51.1994



43.2451, 23.1943, 29.8014



11.0049, 23.1943, 6.5002

Square

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



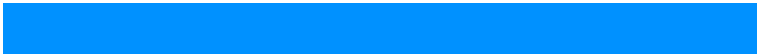
43.2451, 23.1943, 29.8014



23.5806, 23.1943, 1.2841



9.2332, 23.1943, 21.1956



20.5784, 23.1943, 109.2769

Rectangle

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



43.2451, 23.1943, 29.8014



36.1520, 23.1943, 4.2992



9.2332, 23.1943, 21.1956



12.1888, 23.1943, 76.3218

Sweetspot

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



43.2458, 23.1956, 29.8018



74.0809, 65.1921, 79.9288



28.3059, 14.2334, 86.0493



15.3089, 13.0642, 16.2926



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.



43.2458, 23.1956, 29.8018



45.6149, 23.1428, 24.5584



38.5611, 21.3217, 5.1328



16.8520, 16.6236, 18.9671



22.3502, 11.2835, 11.8186



2.0163, 1.0125, 1.3122

Inverse Universe

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



43.2458, 23.1956, 29.8018



45.6149, 23.1428, 24.5584



48.9122, 70.9813, 93.3534



16.8520, 16.6236, 18.9671



22.3502, 11.2835, 11.8186



2.0163, 1.0125, 1.3122

Previews

White Background



This preview shows how the XYZ color 43.2451, 23.1943, 29.8014 looks on a white background.

Color Contrast Check

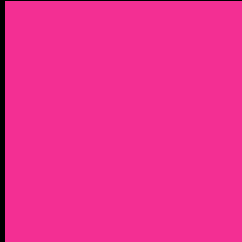
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2451, 23.1943, 29.8014 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 43.2451, 23.1943, 29.8014

Background



This preview shows how black text looks on a background with the XYZ color 43.2451, 23.1943, 29.8014.



This preview shows how white text looks on a background with the XYZ color 43.2451, 23.1943,

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

43.2451, 23.1943, 29.8014

Protanopia

24.8483, 23.6539, 57.8996

Deuteranopia

23.8672, 23.4359, 26.9326



Tritanopia

38.7492, 23.1780, 8.9101

Trichromacy



Original Color

43.2451, 23.1943, 29.8014



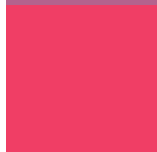
Protanomaly

26.9982, 19.7196, 46.0994



Deuteranomaly

28.0919, 20.5501, 27.6853



Tritanomaly

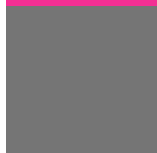
40.0068, 22.9101, 14.6254

Monochromacy



Original Color

43.2451, 23.1943, 29.8014



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

22.8277, 16.9993, 22.5001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2451, 23.1943, 29.8014 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(243, 47, 147)` looks like.

```
.text, #text, p{  
    color:rgb(243, 47, 147)  
}
```

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(243, 47, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 47, 147) }
```

Border

The CSS property to change the border of an element to XYZ 43.2451, 23.1943, 29.8014 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(243, 47, 147) }
```


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

```
.border{ border-color:rgb(243, 47, 147) }
```

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

Here you see how a box with a 4 pixel rgb(243, 47, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 47, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 47, 147);  
box-shadow:4px 4px 4px 4px rgb(243, 47,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2451, 23.1943, 29.8014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 47, 147) }
```

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

```
.background{ background-color: rgb(243, 47,  
147) }
```

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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