

Converting Colors

XYZ(43.0950, 23.6540, 29.0824)

Have a look what the booklet for
XYZ(43.0950, 23.6540, 29.0824)
contains.

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Color

**XYZ(43.0950, 23.6540,
29.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	F23791
RGB	242, 55, 145
RGB Percent	95%, 22%, 57%
CMY	0.0510, 0.7843, 0.4314
CMYK	0.00, 0.77, 0.40, 0.05
HSL	331°, 88%, 58%
HSV	331°, 77%, 95%
XYZ	43.0950, 23.6540, 29.0824
YIQ	121.1730, 82.5620, 67.6340

Conversions

Conversions Part 2

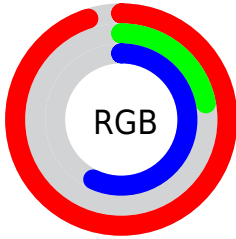
Format	Color
R _Y B	242, 55, 145
Decimal	15873937
CIE Lab	55.74, 74.90, -5.11
CIE LCh	56, 75.071, 356.095
Yxy	23.6540, 0.4497, 0.2468
Android (android.graphics.Color)	4294064017 (0xFFFF23791)
YUV	121.1730, 11.7467, 105.9653
Hunter-Lab	48.6354, 73.0540, -1.4088

Details

The XYZ color **43.0950, 23.6540, 29.0824** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **38.9971, 66.5843, 40.5084**, and the grayscale version is **18.1765, 19.1231, 20.8250**.

A 20% lighter version of the original color is **58.1456, 38.5772, 58.4144**, and **20.8879, 10.5295, 11.7580** is the 20% darker color. If you saturate the color by 10%, you get **41.2986, 21.5257, 23.9686**, and if you desaturate by 10%, it is **45.5626, 26.9535, 34.9481**.

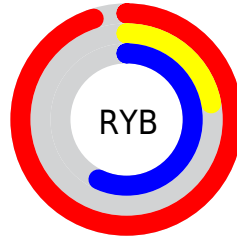
Distribution



Red (95%)

Green (22%)

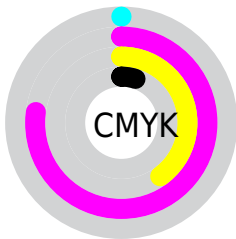
Blue (57%)



Red (95%)

Yellow (22%)

Blue (57%)

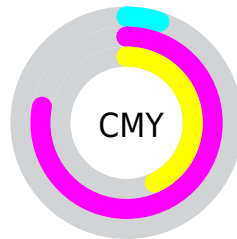


Cyan (0%)

Magenta (77%)

Yellow (40%)

Black (5%)



Cyan (5%)


Magenta (78%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0950, 23.6540, 29.0824 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 43.0950, 23.6540, 29.0824 by changing the saturation by 10% instead.


 43.0950, 23.6540,
29.0824


 43.0950, 23.6540,
29.0824


349.9172,
271.0665, 311.6766

 30.1545, 15.0772,
18.8970

 79.1090, 49.4650,
59.2517


 20.1045, 8.8736,
11.4199


 102.9133, 67.4679,
80.0728


 12.5798, 4.6588,
6.2323


 131.0694, 89.3817,
105.2761

 7.2148, 2.0485,
2.9158

 163.9429,
115.5906, 135.2804

 3.6443, 0.6354,
1.0518

 201.8991,
146.4792, 170.5040

 1.5030, 0.0000,
0.0000

245.3033,

 0.3278, 0.0000,

182.4318, 211.3656

0.0000

294.5209,
223.8328, 258.2836

■ 0.0000, 0.0000,
0.0000

■ 43.0950, 23.6540,
29.0824

■ 43.0950, 23.6540,
29.0824

■ 41.2986, 21.5257,
23.9686

■ 45.5626, 26.9535,
34.9481

■ 40.0734, 20.3743,
19.5557


■ 48.7754, 31.5667,
41.6061


■ 39.7972, 20.1490,
18.4557


■ 52.7990, 37.6200,
49.0941


■ 57.6908, 45.2234,
57.4461

■ 63.5029, 54.4763,
66.6940

 70.2830, 65.4696,
76.8676

 78.0755, 78.2877,
87.9950

 86.9219, 93.0093,
100.1030

 90.4279, 97.6172,
108.6837

Harmonies

Analogous

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



38.9948, 23.6540, 61.7693



43.0950, 23.6540, 29.0824



40.6267, 23.6540, 10.1446

Triad

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



43.0950, 23.6540, 29.0824



16.0217, 23.6540, 2.4250



14.5297, 23.6540, 87.5742

Complementary

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



43.0950, 23.6540, 29.0824



38.9971, 66.5843, 40.5084

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.



10.7503, 23.6540, 52.3795



43.0950, 23.6540, 29.0824



11.4467, 23.6540, 7.4533

Square

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



43.0950, 23.6540, 29.0824



23.6160, 23.6540, 1.5810



9.7834, 23.6540, 22.6919



21.3857, 23.6540, 106.5893

Rectangle

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



43.0950, 23.6540, 29.0824



35.8563, 23.6540, 4.5890



9.7834, 23.6540, 22.6919



12.9318, 23.6540, 76.4712

Sweetspot

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



43.0957, 23.6553, 29.0828



74.5917, 66.3110, 79.7985



30.2724, 15.7837, 85.4554



15.3962, 13.2739, 16.2131



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.



43.0957, 23.6553, 29.0828



45.6172, 23.3531, 23.9250



38.8275, 22.1925, 5.8534



16.0897, 15.8856, 18.0284



21.4477, 10.8515, 10.2743



1.8343, 0.9228, 1.1182

Inverse Universe

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



43.0957, 23.6553, 29.0828



45.6172, 23.3531, 23.9250



48.4357, 68.8882, 94.7483



16.0897, 15.8856, 18.0284



21.4477, 10.8515, 10.2743



1.8343, 0.9228, 1.1182

Previews

White Background



This preview shows how the XYZ color 43.0950, 23.6540, 29.0824 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 43.0950, 23.6540, 29.0824 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 43.0950, 23.6540, 29.0824

Background



This preview shows how black text looks on a background with the XYZ color 43.0950, 23.6540, 29.0824.



This preview shows how white text looks on a background with the XYZ color 43.0950, 23.6540,

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

43.0950, 23.6540, 29.0824

Protanopia

24.9283, 23.9750, 54.3527

Deuteranopia

24.2806, 23.8538, 26.6171



Tritanopia

39.0838, 23.6248, 9.7078

Trichromacy



Original Color

43.0950, 23.6540, 29.0824

Protanomaly

27.4847, 20.6123, 43.6043

Deuteranomaly

28.5665, 21.3883, 27.0488

Tritanomaly

40.0020, 23.3243, 14.9641

Monochromacy



Original Color

43.0950, 23.6540, 29.0824

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.8210, 18.1604, 23.3689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0950, 23.6540, 29.0824 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(242, 55, 145)` looks like.

```
.text, #text, p{  
    color:rgb(242, 55, 145)  
}
```

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(242, 55, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 55, 145) }
```

Border

The CSS property to change the border of an element to XYZ 43.0950, 23.6540, 29.0824 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(242, 55, 145) }
```


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

```
.border{ border-color:rgb(242, 55, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 55, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 55, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 55, 145);  
box-shadow:4px 4px 4px 4px rgb(242, 55,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0950, 23.6540, 29.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 55, 145) }
```

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

```
.background{ background-color: rgb(242, 55,  
145) }
```

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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