

Converting Colors

XYZ(43.0861, 23.1249, 28.9671)

Have a look what the booklet for
XYZ(43.0861, 23.1249, 28.9671)
contains.

XYZ(43.0895, 23.1321, 28.9819)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0895, 23.1321,
28.9819)**

Conversions

Conversions Part 1

Format	Color
Hex	F32F91
RGB	243, 47, 145
RGB Percent	95%, 18%, 57%
CMY	0.0471, 0.8156, 0.4314
CMYK	0.00, 0.81, 0.40, 0.05
HSL	330°, 89%, 57%
HSV	330°, 81%, 95%
XYZ	43.0895, 23.1321, 28.9819
YIQ	116.7760, 85.3580, 72.0300

Conversions

Conversions Part 2

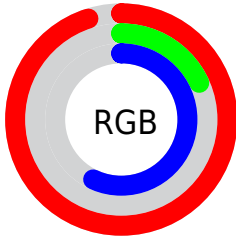
Format	Color
R_{YB}	243, 47, 145
Decimal	15937425
CIE _{Lab}	55.21, 77.17, -5.88
CIE _{LCh}	55, 77.395, 355.643
Yxy	23.1321, 0.4526, 0.2430
Android (android.graphics.Color)	4294127505 (0xFFFF32F91)
YUV	116.7760, 13.9144, 110.6984
Hunter-Lab	48.0958, 75.7520, -2.0603

Details

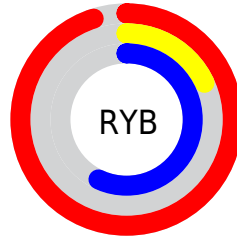
The XYZ color **43.0895, 23.1321, 28.9819** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **38.3357, 66.7507, 37.6585**, and the grayscale version is **16.7816, 17.6556, 19.2269**.

A 20% lighter version of the original color is **57.6795, 37.6450, 58.2590**, and **21.1216, 10.6500, 11.7689** is the 20% darker color. If you saturate the color by 10%, you get **41.4861, 21.3456, 24.0693**, and if you desaturate by 10%, it is **45.3343, 26.0411, 34.6031**.

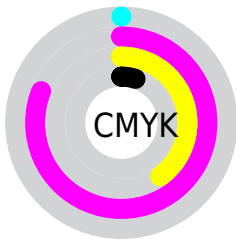
Distribution



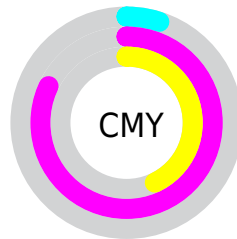
- Red (95%)
- Green (18%)
- Blue (57%)



- Red (95%)
- Yellow (18%)
- Blue (57%)



- Cyan (0%)
- Magenta (81%)
- Yellow (40%)
- Black (5%)




- Cyan (5%)
- Magenta (82%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0895, 23.1321, 28.9819 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 43.0895, 23.1321, 28.9819 by changing the saturation by 10% instead.


 43.0895, 23.1321,
28.9819


 43.0895, 23.1321,
28.9819


349.8950,
268.4028, 311.1878


 30.1502, 14.6911,
18.8217


 79.1008, 48.6101,
59.0902


 20.1012, 8.6029,
11.3660


 102.9034, 66.4160,
79.8753


 12.5773, 4.4831,
6.1963


 131.0579, 88.1122,
105.0391

 7.2131, 1.9473,
2.8941

 163.9295,
114.0831, 135.0002

 3.6433, 0.5766,
1.0408

 201.8837,
144.7133, 170.1771

 1.5024, 0.0000,
0.0000

245.2858,

 0.3274, 0.0000,

180.3870, 210.9883

0.0000

294.5011,
221.4887, 257.8523

■ 0.0000, 0.0000,
0.0000

■ 43.0895, 23.1321,
28.9819

■ 43.0895, 23.1321,
28.9819

■ 41.4861, 21.3456,
24.0693

■ 45.3343, 26.0411,
34.6031

■ 40.4434, 20.4472,
20.0621

■ 48.3000, 30.2266,
40.9737

■ 52.0557, 35.8225,
48.1311

■ 56.6615, 42.9443,
56.1090

■ 62.1713, 51.6956,
64.9383

68.6343, 62.1708,
74.6482

76.0961, 74.4571,
85.2661

84.5993, 88.6358,
96.8181

90.6691, 97.7535,
108.1575

Harmonies

Analogous

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



38.7732, 23.1321, 62.7662



43.0895, 23.1321, 28.9819



40.6471, 23.1321, 9.6855

Triad

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



43.0895, 23.1321, 28.9819



15.5456, 23.1321, 2.0263



13.8724, 23.1321, 88.5235

Complementary

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



43.0895, 23.1321, 28.9819



38.3357, 66.7507, 37.6585

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.



10.1426, 23.1321, 51.9355



43.0895, 23.1321, 28.9819



10.9159, 23.1321, 6.7346

Square

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



43.0895, 23.1321, 28.9819



23.2743, 23.1321, 1.2906



9.2226, 23.1321, 21.7386



20.7468, 23.1321, 108.7915

Rectangle

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



43.0895, 23.1321, 28.9819



35.7847, 23.1321, 4.1739



9.2226, 23.1321, 21.7386



12.2878, 23.1321, 76.9012

Sweetspot

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



43.0902, 23.1334, 28.9823



73.9958, 65.1580, 79.4807



28.8734, 14.5260, 86.0759



15.2886, 13.0561, 16.1854



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.



43.0902, 23.1334, 28.9823



45.4411, 23.0733, 23.6433



38.4927, 21.2944, 4.7726



16.8447, 16.6207, 18.9287



22.2649, 11.2494, 11.3694



2.0087, 1.0095, 1.2724

Inverse Universe

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



43.0902, 23.1334, 28.9823



45.4411, 23.0733, 23.6433



49.4013, 71.1769, 95.9287



16.8447, 16.6207, 18.9287



22.2649, 11.2494, 11.3694



2.0087, 1.0095, 1.2724

Previews

White Background



This preview shows how the XYZ color 43.0895, 23.1321, 28.9819 looks on a white background.

Color Contrast Check

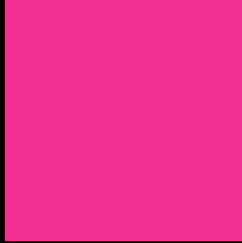
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0895, 23.1321, 28.9819 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 43.0895, 23.1321, 28.9819

Background



This preview shows how black text looks on a background with the XYZ color 43.0895, 23.1321, 28.9819.



This preview shows how white text looks on a background with the XYZ color 43.0895, 23.1321,

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

43.0895, 23.1321, 28.9819

Protanopia

24.6061, 23.3575, 56.6376

Deuteranopia

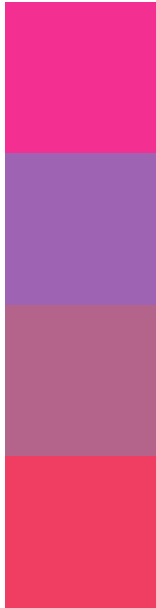
23.5939, 23.1169, 26.1401



Tritanopia

38.9894, 23.2121, 8.7287

Trichromacy



Original Color

43.0895, 23.1321, 28.9819

Protanomaly

26.7944, 19.6381, 45.0261

Deuteranomaly

27.9444, 20.4911, 26.9084

Tritanomaly

39.9099, 22.8714, 14.1155

Monochromacy



Original Color

43.0895, 23.1321, 28.9819

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

22.7622, 16.9731, 22.1551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0895, 23.1321, 28.9819 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(243, 47, 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(243, 47, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 47, 145) }
```

Border

The CSS property to change the border of an element to XYZ 43.0895, 23.1321, 28.9819 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, 145) }
```


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

```
.border{ border-color:rgb(243, 47, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 47, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 47, 145);  
box-shadow:4px 4px 4px 4px rgb(243, 47,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0895, 23.1321, 28.9819 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, 145) }
```

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

```
.background{ background-color: rgb(243, 47,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor