

Converting Colors

XYZ(44.3986, 23.7811, 14.6859)

Have a look what the booklet for
XYZ(44.3986, 23.7811, 14.6859)
contains.

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Color

**XYZ(44.3819, 23.7855,
14.5638)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2965
RGB	255, 41, 101
RGB Percent	100%, 16%, 40%
CMY	0.0000, 0.8391, 0.6039
CMYK	0.00, 0.84, 0.60, 0.00
HSL	343°, 100%, 58%
HSV	343°, 84%, 100%
XYZ	44.3819, 23.7855, 14.5638
YIQ	111.8260, 108.2840, 64.0280

Conversions

Conversions Part 2

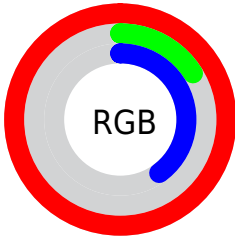
Format	Color
RYB	255, 41, 101
Decimal	16722277
CIELab	55.87, 78.11, 21.64
CIELCh	56, 81.052, 15.482
Yxy	23.7855, 0.5365, 0.2875
Android (android.graphics.Color)	4294912357 (0xFFFF2965)
YUV	111.8260, -5.3372, 125.5636
Hunter-Lab	48.7704, 77.0900, 16.4341

Details

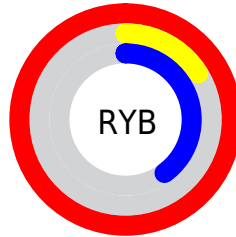
The XYZ color **44.3819, 23.7855, 14.5638** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **46.5280, 75.9326, 63.8469**, and the grayscale version is **15.3462, 16.1454, 17.5824**.

A 20% lighter version of the original color is **52.7017, 35.1153, 33.7060**, and **22.1754, 11.3522, 4.6368** is the 20% darker color. If you saturate the color by 10%, you get **42.9658, 22.2356, 10.1399**, and if you desaturate by 10%, it is **46.5697, 26.5581, 20.2358**.

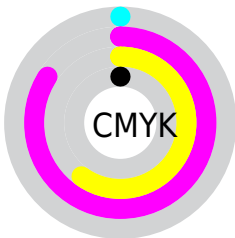
Distribution



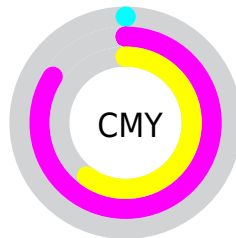
- Red (100%)
- Green (16%)
- Blue (40%)



- Red (100%)
- Yellow (16%)
- Blue (40%)



- Cyan (0%)
- Magenta (84%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3819, 23.7855, 14.5638 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 44.3819, 23.7855, 14.5638 by changing the saturation by 10% instead.


 44.3819, 23.7855,
14.5638


 44.3819, 23.7855,
14.5638

355.0904,
271.7342, 232.2597


 31.1701, 15.1746,
8.3706


 81.0349, 49.6799,
34.8175

 20.8808, 8.9420,
4.2418


 105.2068, 67.7323,
49.7152


 13.1489, 4.7034,
1.7589


 133.7627, 89.7005,
68.3514

 7.6089, 2.0743,
0.4007

 167.0680,
115.9690, 91.1447

 3.8954, 0.6501,
0.0000

 205.4881,
146.9223, 118.5136

 1.6431, 0.0000,
0.0000

249.3882,

 0.4203, 0.0000,

182.9446, 150.8767

0.0000

299.1339,
224.4205, 188.6526

■ 0.0000, 0.0000,
0.0000

■ 44.3819, 23.7855,
14.5638

■ 44.3819, 23.7855,
14.5638

■ 42.9658, 22.2356,
10.1399

■ 46.5697, 26.5581,
20.2358

■ 42.3924, 21.7209,
7.9999

■ 49.6350, 30.7446,
27.2512

■ 53.6677, 36.5069,
35.6959

■ 58.7456, 43.9836,
45.6476

■ 64.9382, 53.2982,
57.1780

72.3088, 64.5624,
70.3539

80.9159, 77.8793,
85.2383

90.8142, 93.3444,
101.8906

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



44.5031, 23.7855, 40.8409



44.3819, 23.7855, 14.5638



37.4703, 23.7855, 3.9354

Triad

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



44.3819, 23.7855, 14.5638



12.1687, 23.7855, 4.1100



18.4445, 23.7855, 112.8189

Complementary

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



44.3819, 23.7855, 14.5638



46.5280, 75.9326, 63.8469

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.



12.3089, 23.7855, 81.6595



44.3819, 23.7855, 14.5638



9.4131, 23.7855, 15.1336

Square

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



44.3819, 23.7855, 14.5638



18.1939, 23.7855, 1.3082



9.4562, 23.7855, 41.9697



27.6824, 23.7855, 112.2298

Rectangle

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



44.3819, 23.7855, 14.5638



30.7994, 23.7855, 1.7192



9.4562, 23.7855, 41.9697



16.0144, 23.7855, 105.1074

Sweetspot

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



44.3825, 23.7869, 14.5642



71.4487, 63.2401, 68.8397



41.1875, 20.3261, 96.3597



14.7191, 12.6565, 13.7165



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.



44.3825, 23.7869, 14.5642



42.3927, 21.7211, 7.9999



45.0798, 28.2990, 5.1862



18.2186, 18.0708, 19.7684



22.2055, 11.3715, 4.4664



2.2062, 1.1249, 0.6675

Inverse Universe

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



44.3825, 23.7869, 14.5642



42.3927, 21.7211, 7.9999



41.6770, 53.1152, 102.6628



18.2186, 18.0708, 19.7684



22.2055, 11.3715, 4.4664



2.2062, 1.1249, 0.6675

Previews

White Background



This preview shows how the XYZ color 44.3819, 23.7855, 14.5638 looks on a white background.

Color Contrast Check

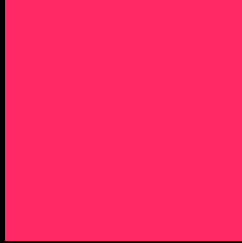
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.3819, 23.7855, 14.5638 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 44.3819, 23.7855, 14.5638

Background



This preview shows how black text looks on a background with the XYZ color 44.3819, 23.7855, 14.5638.



This preview shows how white text looks on a background with the XYZ color 44.3819, 23.7855,

14.5638.

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

44.3819, 23.7855, 14.5638

Protanopia

23.1015, 23.7964, 28.9668

Deuteranopia

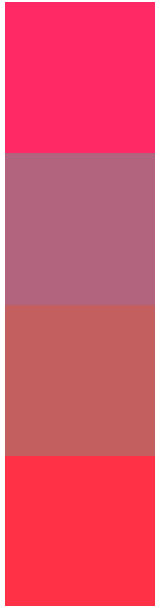
24.3054, 23.7707, 13.2047



Tritanopia

42.4930, 23.7873, 5.8418

Trichromacy



Original Color

44.3819, 23.7855, 14.5638

Protanomaly

26.7480, 20.1116, 22.5508

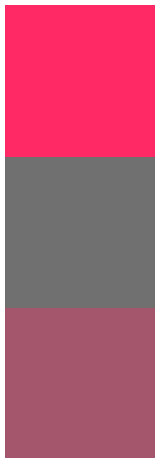
Deuteranomaly

28.7541, 20.7941, 13.3246

Tritanomaly

43.1087, 23.7224, 8.2680

Monochromacy



Original Color

44.3819, 23.7855, 14.5638

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

21.3444, 15.6308, 16.0794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3819, 23.7855, 14.5638 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(255, 41, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 101)  
}
```

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(255, 41, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 101) }
```

Border

The CSS property to change the border of an element to XYZ 44.3819, 23.7855, 14.5638 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(255, 41, 101) }
```


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

```
.border{ border-color:rgb(255, 41, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3819, 23.7855, 14.5638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 101) }
```

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

```
.background{ background-color: rgb(255, 41,  
101) }
```

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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