

Converting Colors

XYZ(44.4079, 23.1006, 16.8441)

Have a look what the booklet for
XYZ(44.4079, 23.1006, 16.8441)
contains.

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Color

**XYZ(44.4239, 23.1246,
16.8739)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1A6E
RGB	255, 26, 110
RGB Percent	100%, 10%, 43%
CMY	0.0000, 0.8979, 0.5686
CMYK	0.00, 0.90, 0.57, 0.00
HSL	338°, 100%, 55%
HSV	338°, 90%, 100%
XYZ	44.4239, 23.1246, 16.8739
YIQ	104.0470, 109.5200, 74.6720

Conversions

Conversions Part 2

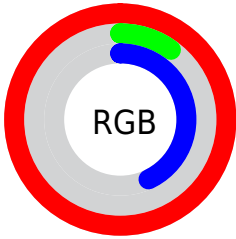
Format	Color
R_{YB}	255, 26, 110
Decimal	16718446
CIE _{Lab}	55.20, 81.13, 15.33
CIE _{LCh}	55, 82.565, 10.702
Yxy	23.1246, 0.5262, 0.2739
Android (android.graphics.Color)	4294908526 (0xFFFF1A6E)
YUV	104.0470, 2.9348, 132.3858
Hunter-Lab	48.0880, 80.7448, 12.8570

Details

The XYZ color **44.4239, 23.1246, 16.8739** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **43.5406, 74.6813, 50.6648**, and the grayscale version is **13.1472, 13.8319, 15.0629**.

A 20% lighter version of the original color is **52.7246, 33.9364, 37.4897**, and **22.3831, 11.4352, 5.7301** is the 20% darker color. If you saturate the color by 10%, you get **43.2594, 22.0770, 12.5361**, and if you desaturate by 10%, it is **46.2226, 25.1847, 22.2140**.

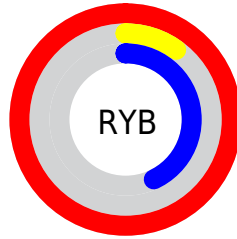
Distribution



Red (100%)

Green (10%)

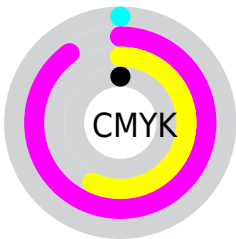
Blue (43%)



Red (100%)

Yellow (10%)

Blue (43%)

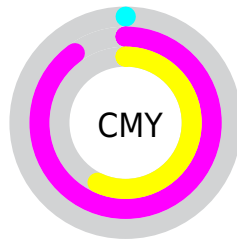


Cyan (0%)

Magenta (90%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4239, 23.1246, 16.8739 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 44.4239, 23.1246, 16.8739 by changing the saturation by 10% instead.


 44.4239, 23.1246,
16.8739


 44.4239, 23.1246,
16.8739


355.2584,
268.3643, 246.4640


 31.2032, 14.6855,
9.9836


 81.0976, 48.5978,
38.8965


 20.9062, 8.5990,
5.2826


 105.2814, 66.4008,
54.8659


 13.1676, 4.4806,
2.3524


 133.8503, 88.0939,
74.6988

 7.6218, 1.9458,
0.7604

 167.1696,
114.0614, 98.8137

 3.9037, 0.5757,
0.0000

 205.6047,
144.6878, 127.6291

 1.6478, 0.0000,
0.0000

249.5210,

 0.4233, 0.0000,

180.3575, 161.5636

0.0000

299.2837,
221.4549, 201.0357

■ 0.0000, 0.0000,
0.0000

■ 44.4239, 23.1246,
16.8739

■ 44.4239, 23.1246,
16.8739

■ 43.2594, 22.0770,
12.5361

■ 46.2226, 25.1847,
22.2140

■ 43.2385, 22.0594,
12.4545

■ 48.8009, 28.5343,
28.6440

■ 52.2539, 33.3519,
36.2329

■ 56.6615, 39.7863,
45.0421

■ 62.0943, 47.9677,
55.1282

■ 68.6159, 58.0133,
66.5434

■ 76.2845, 70.0296,
79.3371

■ 85.1539, 84.1153,
93.5556

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.



43.3328, 23.1246, 45.9774



44.4239, 23.1246, 16.8739



38.3571, 23.1246, 4.4550

Triad

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



44.4239, 23.1246, 16.8739



12.3219, 23.1246, 2.9642



16.6224, 23.1246, 110.0062

Complementary

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



44.4239, 23.1246, 16.8739



43.5406, 74.6813, 50.6648

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.



11.0872, 23.1246, 74.9646



44.4239, 23.1246, 16.8739



9.1281, 23.1246, 11.8442

Square

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



44.4239, 23.1246, 16.8739



18.8470, 23.1246, 0.9820



8.7503, 23.1246, 35.8401



25.4406, 23.1246, 115.3584

Rectangle

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



44.4239, 23.1246, 16.8739



31.8531, 23.1246, 1.7796



8.7503, 23.1246, 35.8401



14.3911, 23.1246, 100.5520

Sweetspot

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



44.4245, 23.1260, 16.8742



70.6385, 61.1642, 69.9732



34.4049, 16.2008, 95.9211



14.5926, 12.2710, 14.0822



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.



44.4245, 23.1260, 16.8742



43.2386, 22.0594, 12.4546



42.6883, 23.8578, 3.3344



18.2847, 18.0972, 20.1165



22.6586, 11.5527, 6.8524



2.2566, 1.1450, 0.9327

Inverse Universe

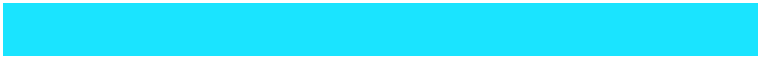
The Inverse Universe completely reimagines the original color for something new.



44.4245, 23.1260, 16.8742



43.2386, 22.0594, 12.4546



46.2992, 63.0848, 104.3438



18.2847, 18.0972, 20.1165



22.6586, 11.5527, 6.8524



2.2566, 1.1450, 0.9327

Previews

White Background



This preview shows how the XYZ color 44.4239, 23.1246, 16.8739 looks on a white background.

Color Contrast Check

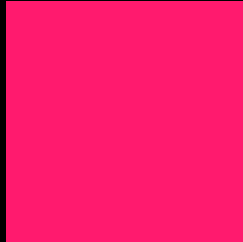
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4239, 23.1246, 16.8739 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 44.4239, 23.1246, 16.8739

Background



This preview shows how black text looks on a background with the XYZ color 44.4239, 23.1246, 16.8739.



This preview shows how white text looks on a background with the XYZ color 44.4239, 23.1246,

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

44.4239, 23.1246, 16.8739

Protanopia

23.1752, 23.4832, 35.6590

Deuteranopia

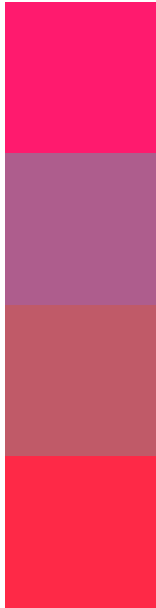
23.5999, 23.1668, 15.2844



Tritanopia

42.1607, 23.3010, 5.1812

Trichromacy



Original Color

44.4239, 23.1246, 16.8739

Protanomaly

26.1776, 18.7505, 27.4388

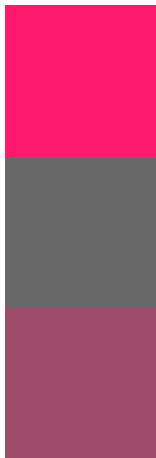
Deuteranomaly

27.8931, 19.5183, 15.3940

Tritanomaly

42.8033, 23.1116, 8.1662

Monochromacy



Original Color

44.4239, 23.1246, 16.8739

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

19.4840, 13.5804, 15.2300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4239, 23.1246, 16.8739 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, 26, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 110)  
}
```

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, 26, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 110) }
```

Border

The CSS property to change the border of an element to XYZ 44.4239, 23.1246, 16.8739 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, 26, 110) }
```


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

```
.border{ border-color:rgb(255, 26, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 26, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4239, 23.1246, 16.8739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 110) }
```

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

```
.background{ background-color: rgb(255, 26,  
110) }
```

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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