

Converting Colors

XYZ(49.2942, 26.2813, 15.3497)

Have a look what the booklet for
XYZ(49.2942, 26.2813, 15.3497)
contains.

XYZ(44.4811, 23.8251, 15.0863)	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(44.4811, 23.8251,
15.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2967
RGB	255, 41, 103
RGB Percent	100%, 16%, 40%
CMY	0.0000, 0.8391, 0.5961
CMYK	0.00, 0.84, 0.60, 0.00
HSL	343°, 100%, 58%
HSV	343°, 84%, 100%
XYZ	44.4811, 23.8251, 15.0863
YIQ	112.0540, 107.6420, 64.6500

Conversions

Conversions Part 2

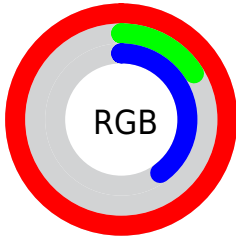
Format	Color
R_{YB}	255, 41, 103
Decimal	16722279
CIE _{Lab}	55.91, 78.23, 20.50
CIE _{LCh}	56, 80.868, 14.681
Yxy	23.8251, 0.5334, 0.2857
Android (android.graphics.Color)	4294912359 (0xFFFF2967)
YUV	112.0540, -4.4636, 125.3636
Hunter-Lab	48.8110, 77.2467, 15.8426

Details

The XYZ color **44.4811, 23.8251, 15.0863** 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 **46.3030, 75.8426, 62.6626**, and the grayscale version is **15.4104, 16.2130, 17.6559**.

A 20% lighter version of the original color is **52.8669, 35.1814, 34.5762**, and **22.2244, 11.3718, 4.8945** is the 20% darker color. If you saturate the color by 10%, you get **43.0533, 22.2705, 10.6002**, and if you desaturate by 10%, it is **46.6768, 26.6008, 20.8003**.

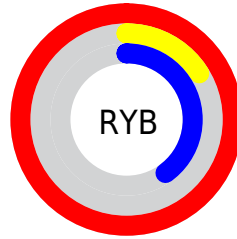
Distribution



Red (100%)

Green (16%)

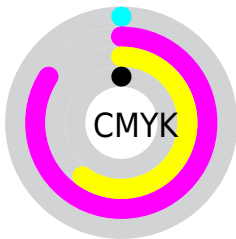
Blue (40%)



Red (100%)

Yellow (16%)

Blue (40%)

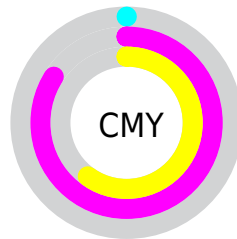


Cyan (0%)

Magenta (84%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4811, 23.8251, 15.0863 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 44.4811, 23.8251, 15.0863 by changing the saturation by 10% instead.


 44.4811, 23.8251,
15.0863


 44.4811, 23.8251,
15.0863


355.4871,
271.9350, 235.5467


 31.2484, 15.2039,
8.7327


 81.1831, 49.7446,
35.7489

 20.9409, 8.9626,
4.4728


 105.3831, 67.8118,
50.8951


 13.1930, 4.7168,
1.8881


 133.9696, 89.7964,
69.8091

 7.6395, 2.0821,
0.4852

 167.3080,
116.0829, 92.9095

 3.9150, 0.6545,
0.0000

 205.7635,
147.0556, 120.6150

 1.6542, 0.0000,
0.0000

249.7017,

 0.4273, 0.0000,

183.0989, 153.3440

0.0000

299.4877,
224.5973, 191.5150

■ 0.0000, 0.0000,
0.0000

■ 44.4811, 23.8251,
15.0863

■ 44.4811, 23.8251,
15.0863

■ 43.0533, 22.2705,
10.6002

■ 46.6768, 26.6008,
20.8003

■ 42.4711, 21.7524,
8.4142

■ 49.7457, 30.7886,
27.8345

■ 53.7770, 36.5503,
36.2722

■ 58.8482, 44.0243,
46.1885

■ 65.0282, 53.3337,
57.6530

72.3801, 64.5904,
70.7306

80.9620, 77.8970,
85.4823

90.8281, 93.3492,
101.9658

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.



44.4011, 23.8251, 41.7950



44.4811, 23.8251, 15.0863



37.7294, 23.8251, 4.1162

Triad

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



44.4811, 23.8251, 15.0863



12.3288, 23.8251, 4.0002



18.2779, 23.8251, 112.1512

Complementary

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



44.4811, 23.8251, 15.0863



46.3030, 75.8426, 62.6626

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.



12.2361, 23.8251, 80.5053



44.4811, 23.8251, 15.0863



9.4915, 23.8251, 14.7094

Square

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



44.4811, 23.8251, 15.0863



18.4436, 23.8251, 1.3041



9.4629, 23.8251, 41.0497



27.4405, 23.8251, 112.5396

Rectangle

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



44.4811, 23.8251, 15.0863



31.1018, 23.8251, 1.7934



9.4629, 23.8251, 41.0497



15.8796, 23.8251, 104.1936

Sweetspot

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



44.4817, 23.8265, 15.0867



71.5228, 63.2697, 69.2296



40.2807, 19.8586, 96.3173



14.7365, 12.6634, 13.8079



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.



44.4817, 23.8265, 15.0867



42.4714, 21.7525, 8.4142



44.7965, 27.7324, 5.0916



18.2257, 18.0736, 19.8059



22.2479, 11.3885, 4.6900



2.2112, 1.1268, 0.6934

Inverse Universe

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



44.4817, 23.8265, 15.0867



42.4714, 21.7525, 8.4142



42.5597, 54.8808, 102.9572



18.2257, 18.0736, 19.8059



22.2479, 11.3885, 4.6900



2.2112, 1.1268, 0.6934

Previews

White Background



This preview shows how the XYZ color 44.4811, 23.8251, 15.0863 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 44.4811, 23.8251, 15.0863 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 44.4811, 23.8251, 15.0863

Background



This preview shows how black text looks on a background with the XYZ color 44.4811, 23.8251, 15.0863.



This preview shows how white text looks on a background with the XYZ color 44.4811, 23.8251,

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

44.4811, 23.8251, 15.0863

Protanopia

23.3907, 24.1321, 29.8107

Deuteranopia

24.3232, 23.9644, 13.6995



Tritanopia

42.5168, 23.7968, 5.9668

Trichromacy



Original Color

44.4811, 23.8251, 15.0863

Protanomaly

26.8797, 20.1643, 23.2443

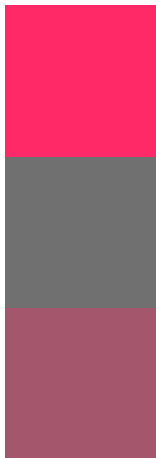
Deuteranomaly

28.9380, 21.0146, 13.8403

Tritanomaly

43.1411, 23.7353, 8.4385

Monochromacy



Original Color

44.4811, 23.8251, 15.0863

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

21.3979, 15.6522, 16.3614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4811, 23.8251, 15.0863 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 103) }
```

Border

The CSS property to change the border of an element to XYZ 44.4811, 23.8251, 15.0863 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, 103) }
```


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

```
.border{ border-color:rgb(255, 41, 103) }
```

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, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4811, 23.8251, 15.0863 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, 103) }
```

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

```
.background{ background-color: rgb(255, 41,  
103) }
```

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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