

Converting Colors

XYZ(44.4655, 23.6654, 15.4782)

Have a look what the booklet for
XYZ(44.4655, 23.6654, 15.4782)
contains.

XYZ(44.4829, 23.6661, 15.5881)	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(44.4829, 23.6661,
15.5881)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2669
RGB	255, 38, 105
RGB Percent	100%, 15%, 41%
CMY	0.0000, 0.8509, 0.5882
CMYK	0.00, 0.85, 0.59, 0.00
HSL	341°, 100%, 57%
HSV	341°, 85%, 100%
XYZ	44.4829, 23.6661, 15.5881
YIQ	110.5210, 107.8250, 66.8410

Conversions

Conversions Part 2

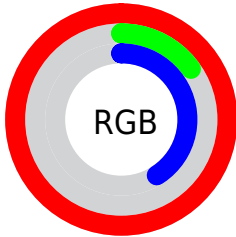
Format	Color
R_{YB}	255, 38, 105
Decimal	16721513
CIE Lab	55.75, 78.92, 19.08
CIE LCh	56, 81.198, 13.593
Yxy	23.6661, 0.5312, 0.2826
Android (android.graphics.Color)	4294911593 (0xFFFF2669)
YUV	110.5210, -2.7219, 126.7081
Hunter-Lab	48.6478, 78.0843, 15.0553

Details

The XYZ color **44.4829, 23.6661, 15.5881** 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 **45.6395, 75.5640, 59.7693**, and the grayscale version is **14.9598, 15.7389, 17.1397**.

A 20% lighter version of the original color is **52.8167, 34.8122, 35.3882**, and **22.2753, 11.3921, 5.1625** is the 20% darker color. If you saturate the color by 10%, you get **43.1132, 22.2299, 11.1152**, and if you desaturate by 10%, it is **46.5984, 26.2939, 21.2365**.

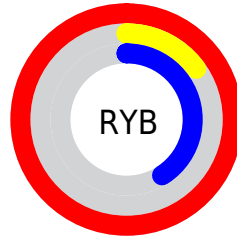
Distribution



Red (100%)

Green (15%)

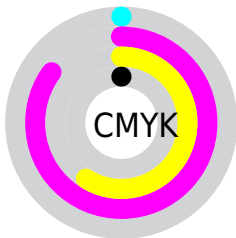
Blue (41%)



Red (100%)

Yellow (15%)

Blue (41%)

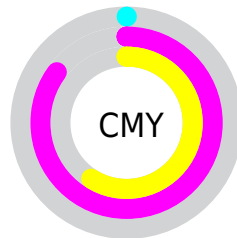


Cyan (0%)

Magenta (85%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4829, 23.6661, 15.5881 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 44.4829, 23.6661, 15.5881 by changing the saturation by 10% instead.


 44.4829, 23.6661,
15.5881

 44.4829, 23.6661,
15.5881


355.4943,
271.1280, 238.6609

 31.2499, 15.0861,
9.0820


 81.1858, 49.4848,
36.6384


 20.9419, 8.8798,
4.6971


 105.3863, 67.4923,
52.0197


 13.1938, 4.6629,
2.0151


 133.9734, 89.4110,
71.1964

 7.6400, 2.0509,
0.5645

 167.3123,
115.6255, 94.5871

 3.9154, 0.6368,
0.0000

 205.7685,
146.5200, 122.6104

 1.6544, 0.0000,
0.0000

249.7074,

 0.4274, 0.0000,

182.4790, 155.6848

0.0000

299.4942,
223.8869, 194.2288

■ 0.0000, 0.0000,
0.0000

■ 44.4829, 23.6661,
15.5881

■ 44.4829, 23.6661,
15.5881

■ 43.1132, 22.2299,
11.1152

■ 46.5984, 26.2939,
21.2365

■ 42.6407, 21.8203,
9.3071

■ 49.5667, 30.3095,
28.1484

■ 53.4780, 35.8775,
36.4027

■ 58.4097, 43.1381,
46.0708

■ 64.4310, 52.2158,
57.2184

71.6048, 63.2231,
69.9071

79.9890, 76.2635,
84.1946

89.6376, 91.4332,
100.1356

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.



44.1291, 23.6661, 42.9212



44.4829, 23.6661, 15.5881



37.9200, 23.6661, 4.2271

Triad

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



44.4829, 23.6661, 15.5881



12.3556, 23.6661, 3.7209



17.8516, 23.6661, 111.5209

Complementary

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



44.4829, 23.6661, 15.5881



45.6395, 75.5640, 59.7693

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.



11.9476, 23.6661, 78.9785



44.4829, 23.6661, 15.5881



9.4195, 23.6661, 13.9294

Square

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



44.4829, 23.6661, 15.5881



18.5816, 23.6661, 1.2227



9.2940, 23.6661, 39.6279



26.9201, 23.6661, 113.2421

Rectangle

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



44.4829, 23.6661, 15.5881



31.3292, 23.6661, 1.8037



9.2940, 23.6661, 39.6279



15.4987, 23.6661, 103.1657

Sweetspot

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



44.4835, 23.6675, 15.5885



70.9023, 62.1379, 68.6861



39.0641, 19.0832, 96.2318



14.6235, 12.4494, 13.7335



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.



44.4835, 23.6675, 15.5885



42.6409, 21.8204, 9.3071



44.3004, 26.8207, 4.6777



18.2402, 18.0794, 19.8823



22.3391, 11.4249, 5.1704



2.2216, 1.1310, 0.7481

Inverse Universe

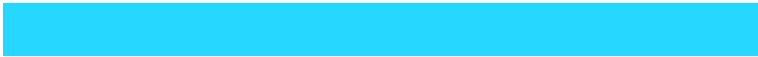
The Inverse Universe completely reimagines the original color for something new.



44.4835, 23.6675, 15.5885



42.6409, 21.8204, 9.3071



43.2067, 56.3457, 103.2059



18.2402, 18.0794, 19.8823



22.3391, 11.4249, 5.1704



2.2216, 1.1310, 0.7481

Previews

White Background



This preview shows how the XYZ color 44.4829, 23.6661, 15.5881 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 44.4829, 23.6661, 15.5881 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 44.4829, 23.6661, 15.5881

Background



This preview shows how black text looks on a background with the XYZ color 44.4829, 23.6661, 15.5881.



This preview shows how white text looks on a background with the XYZ color 44.4829, 23.6661,

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

44.4829, 23.6661, 15.5881

Protanopia

23.2485, 23.8187, 31.3891

Deuteranopia

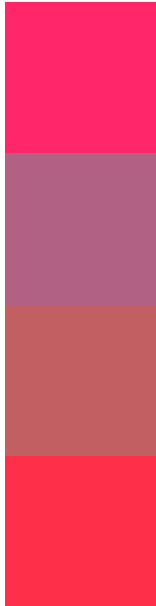
24.0828, 23.6355, 14.1193



Tritanopia

42.4470, 23.6952, 5.8265

Trichromacy



Original Color

44.4829, 23.6661, 15.5881

Protanomaly

26.6640, 19.7484, 24.2363

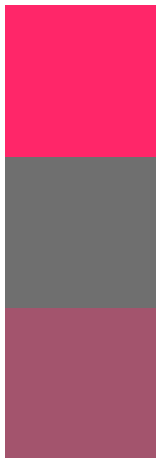
Deuteranomaly

28.5925, 20.5546, 14.2648

Tritanomaly

43.1326, 23.6658, 8.5979

Monochromacy



Original Color

44.4829, 23.6661, 15.5881

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

21.0349, 15.2313, 16.2993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4829, 23.6661, 15.5881 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, 38, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 105)  
}
```

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, 38, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 105) }
```

Border

The CSS property to change the border of an element to XYZ 44.4829, 23.6661, 15.5881 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, 38, 105) }
```


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

```
.border{ border-color:rgb(255, 38, 105) }
```

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

Here you see how a box with a 4 pixel rgb(255, 38, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4829, 23.6661, 15.5881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 105) }
```

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

```
.background{ background-color: rgb(255, 38,  
105) }
```

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