

Converting Colors

XYZ(41.3513, 23.1009, 19.1602)

Have a look what the booklet for
XYZ(41.3513, 23.1009, 19.1602)
contains.

XYZ(41.2920, 23.0879, 19.1097)	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(41.2920, 23.0879,
19.1097)**

Conversions

Conversions Part 1

Format	Color
Hex	F23975
RGB	242, 57, 117
RGB Percent	95%, 22%, 46%
CMY	0.0510, 0.7764, 0.5412
CMYK	0.00, 0.76, 0.52, 0.05
HSL	341°, 88%, 59%
HSV	341°, 76%, 95%
XYZ	41.2920, 23.0879, 19.1097
YIQ	119.1550, 91.0000, 57.8800

Conversions

Conversions Part 2

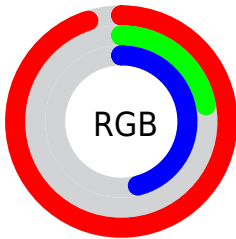
Format	Color
R_{YB}	242, 57, 117
Decimal	15874421
CIE _{Lab}	55.16, 71.95, 10.72
CIE _{LCh}	55, 72.744, 8.472
Yxy	23.0879, 0.4946, 0.2765
Android (android.graphics.Color)	4294064501 (0xFFFF23975)
YUV	119.1550, -1.0624, 107.7351
Hunter-Lab	48.0499, 69.3080, 10.0549

Details

The XYZ color **41.2920, 23.0879, 19.1097** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **41.8851, 67.7523, 55.1333**, and the grayscale version is **17.5687, 18.4836, 20.1287**.

A 20% lighter version of the original color is **55.1179, 37.5575, 41.8804**, and **19.6646, 10.0134, 6.5266** is the 20% darker color. If you saturate the color by 10%, you get **39.4883, 20.8873, 14.1721**, and if you desaturate by 10%, it is **43.8343, 26.4972, 25.1225**.

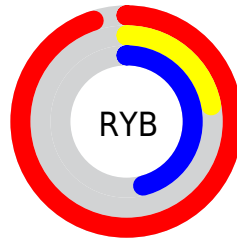
Distribution



Red (95%)

Green (22%)

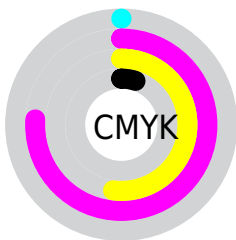
Blue (46%)



Red (95%)

Yellow (22%)

Blue (46%)

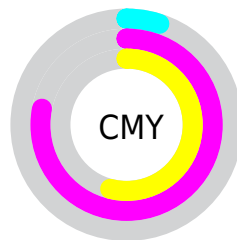


Cyan (0%)

Magenta (76%)

Yellow (52%)

Black (5%)



Cyan (5%)


Magenta (78%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2920, 23.0879, 19.1097 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 41.2920, 23.0879, 19.1097 by changing the saturation by 10% instead.


 41.2920, 23.0879,
19.1097


 41.2920, 23.0879,
19.1097


342.5813,
268.1761, 259.4966


 28.7360, 14.6584,
11.5720


 76.3989, 48.5376,
42.7585


 19.0245, 8.5800,
6.3339


 99.6805, 66.3267,
59.7067


 11.7921, 4.4683,
2.9771


 127.2679, 88.0043,
80.6288

 6.6734, 1.9388,
1.0830

 159.5267,
113.9550, 105.9433

 3.3032, 0.5715,
0.0000

 196.8220,
144.5632, 136.0688

 1.3161, 0.0000,
0.0000

239.5193,

 0.1952, 0.0000,

180.2132, 171.4238

0.0000

287.9840,
221.2893, 212.4269

■ 0.0000, 0.0000,
0.0000

■ 41.2920, 23.0879,
19.1097

■ 41.2920, 23.0879,
19.1097

■ 39.4883, 20.8873,
14.1721

■ 43.8343, 26.4972,
25.1225

■ 38.3232, 19.7089,
10.2326


■ 47.1931, 31.2575,
32.2759


■ 38.0101, 19.4341,
9.0450


■ 51.4375, 37.4953,
40.6306


■ 56.6288, 45.3215,
50.2420

■ 62.8224, 54.8362,
61.1621

 70.0693, 66.1311,
73.4394

 78.4170, 79.2915,
87.1202

 87.9101, 94.3969,
102.2482

 90.4278, 97.6172,
108.6837

Harmonies

Analogous

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



39.9075, 23.0879, 45.3747



41.2920, 23.0879, 19.1097



36.5775, 23.0879, 6.3202

Triad

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



41.2920, 23.0879, 19.1097



13.5938, 23.0879, 3.8674



16.6994, 23.0879, 93.8906

Complementary

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



41.2920, 23.0879, 19.1097



41.8851, 67.7523, 55.1333

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.



11.8502, 23.0879, 64.4791



41.2920, 23.0879, 19.1097



10.3893, 23.0879, 12.0421

Square

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



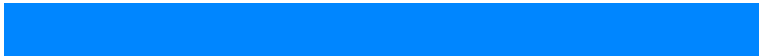
41.2920, 23.0879, 19.1097



19.7235, 23.0879, 1.7784



9.8412, 23.0879, 32.3188



24.3259, 23.0879, 100.3680

Rectangle

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



41.2920, 23.0879, 19.1097



31.1626, 23.0879, 3.0422



9.8412, 23.0879, 32.3188



14.7510, 23.0879, 85.7578

Sweetspot

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



41.2926, 23.0892, 19.1101



73.3722, 65.8232, 73.3767



36.3920, 19.0824, 85.7693



15.1040, 13.1571, 14.6748



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.



41.2926, 23.0892, 19.1101



43.6305, 22.6278, 13.2493



40.8338, 26.1268, 6.7636



15.9841, 15.8433, 17.4724



20.4749, 10.4624, 5.1513



1.7472, 0.8879, 0.6598

Inverse Universe

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



41.2926, 23.0892, 19.1101



43.6305, 22.6278, 13.2493



41.0514, 53.9535, 92.2546



15.9841, 15.8433, 17.4724



20.4749, 10.4624, 5.1513



1.7472, 0.8879, 0.6598

Previews

White Background



This preview shows how the XYZ color 41.2920, 23.0879, 19.1097 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 41.2920, 23.0879, 19.1097 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 41.2920, 23.0879, 19.1097

Background



This preview shows how black text looks on a background with the XYZ color 41.2920, 23.0879, 19.1097.



This preview shows how white text looks on a background with the XYZ color 41.2920, 23.0879,

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

41.2920, 23.0879, 19.1097

Protanopia

22.9545, 23.1789, 35.1624

Deuteranopia

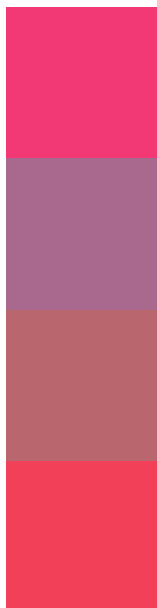
23.6226, 23.1315, 17.4071



Tritanopia

39.1396, 23.1144, 8.3599

Trichromacy



Original Color

41.2920, 23.0879, 19.1097

Protanomaly

26.1950, 20.2886, 28.1267

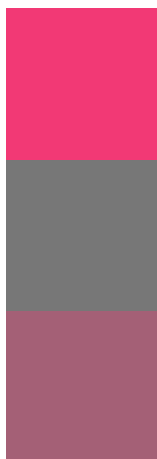
Deuteranomaly

27.8703, 21.0895, 17.6407

Tritanomaly

39.8705, 23.0721, 11.5845

Monochromacy



Original Color

41.2920, 23.0879, 19.1097

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.7627, 17.5663, 19.3304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2920, 23.0879, 19.1097 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(242, 57, 117)` looks like.

```
.text, #text, p{  
    color:rgb(242, 57, 117)  
}
```

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(242, 57, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 57, 117) }
```

Border

The CSS property to change the border of an element to XYZ 41.2920, 23.0879, 19.1097 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(242, 57, 117) }
```


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

```
.border{ border-color:rgb(242, 57, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 57, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 57, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 57, 117);  
box-shadow:4px 4px 4px 4px rgb(242, 57,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2920, 23.0879, 19.1097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 57, 117) }
```

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

```
.background{ background-color: rgb(242, 57,  
117) }
```

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