

Converting Colors

XYZ(40.5855, 22.6863, 19.5529)

Have a look what the booklet for
XYZ(40.5855, 22.6863, 19.5529)
contains.

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Color

**XYZ(40.7281, 22.7834,
19.7038)**

Conversions

Conversions Part 1

Format	Color
Hex	F03977
RGB	240, 57, 119
RGB Percent	94%, 22%, 47%
CMY	0.0588, 0.7764, 0.5333
CMYK	0.00, 0.76, 0.50, 0.06
HSL	340°, 86%, 58%
HSV	340°, 76%, 94%
XYZ	40.7281, 22.7834, 19.7038
YIQ	118.7850, 89.1660, 58.0780

Conversions

Conversions Part 2

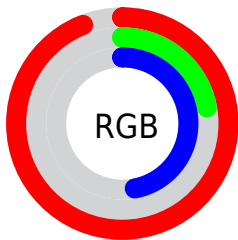
Format	Color
R_{YB}	240, 57, 119
Decimal	15743351
CIE _{Lab}	54.85, 71.57, 9.03
CIE _{LCh}	55, 72.140, 7.189
Yxy	22.7834, 0.4894, 0.2738
Android (android.graphics.Color)	4293933431 (0xFFFF03977)
YUV	118.7850, 0.1060, 106.3056
Hunter-Lab	47.7320, 68.7772, 8.9374

Details

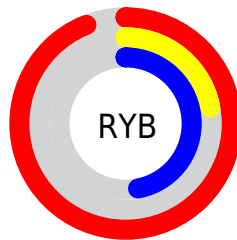
The XYZ color **40.7281, 22.7834, 19.7038** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **40.8853, 66.4051, 52.7887**, and the grayscale version is **17.4484, 18.3570, 19.9908**.

A 20% lighter version of the original color is **55.3072, 37.6332, 42.8770**, and **19.4974, 9.9199, 6.8483** is the 20% darker color. If you saturate the color by 10%, you get **38.9341, 20.5956, 14.7896**, and if you desaturate by 10%, it is **43.2426, 26.1577, 25.6437**.

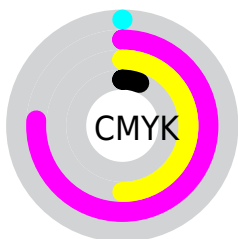
Distribution



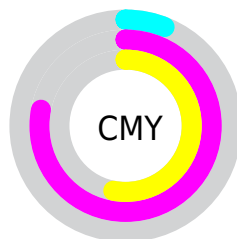
- Red (94%)
- Green (22%)
- Blue (47%)



- Red (94%)
- Yellow (22%)
- Blue (47%)



- Cyan (0%)
- Magenta (76%)
- Yellow (50%)
- Black (6%)





- Cyan (6%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7281, 22.7834, 19.7038 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 40.7281, 22.7834, 19.7038 by changing the saturation by 10% instead.


 40.7281, 22.7834,
19.7038


 40.7281, 22.7834,
19.7038


340.2650,
266.6105, 262.8581


 28.2934, 14.4337,
11.9980


 75.5483, 48.0374,
43.7724


 18.6885, 8.4229,
6.6198


 98.6645, 65.7105,
60.9724


 11.5481, 4.3667,
3.1507


 126.0719, 87.2601,
82.1740

 6.5068, 1.8807,
1.1721

 158.1360,
113.0707, 107.7960

 3.1992, 0.5368,
0.0000

 195.2219,
143.5267, 138.2569

 1.2599, 0.0000,
0.0000

237.6952,

 0.1529, 0.0000,

179.0123, 173.9752

0.0000

285.9211,
219.9122, 215.3694

■ 0.0000, 0.0000,
0.0000

■ 40.7281, 22.7834,
19.7038

■ 40.7281, 22.7834,
19.7038

■ 38.9341, 20.5956,
14.7896

■ 43.2426, 26.1577,
25.6437

■ 37.7639, 19.4133,
10.8295


■ 46.5529, 30.8570,
32.6701


■ 37.4316, 19.1238,
9.5622


■ 50.7262, 37.0048,
40.8397


■ 55.8217, 44.7093,
50.2042

■ 61.8933, 54.0681,
60.8121

 68.9905, 65.1709,
72.7088

 77.1594, 78.1010,
85.9374

 86.4432, 92.9360,
100.5388

 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



39.1051, 22.7834, 46.0463



40.7281, 22.7834, 19.7038



36.3258, 22.7834, 6.5960

Triad

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



40.7281, 22.7834, 19.7038



13.6403, 22.7834, 3.6833



16.2334, 22.7834, 91.3777

Complementary

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



40.7281, 22.7834, 19.7038



40.8853, 66.4051, 52.7887

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.



11.5856, 22.7834, 61.9846



40.7281, 22.7834, 19.7038



10.3655, 22.7834, 11.3711

Square

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



40.7281, 22.7834, 19.7038



19.7907, 22.7834, 1.7612



9.7188, 22.7834, 30.7236



23.6327, 22.7834, 98.9529

Rectangle

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



40.7281, 22.7834, 19.7038



31.0807, 22.7834, 3.1693



9.7188, 22.7834, 30.7236



14.3581, 22.7834, 83.1147

Sweetspot

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



40.7287, 22.7847, 19.7042



73.4818, 65.8671, 73.9542



35.0861, 18.4436, 84.1486



15.1302, 13.1675, 14.8125



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.



40.7287, 22.7847, 19.7042



43.9218, 22.8214, 14.5457



39.8802, 25.2333, 6.6412



15.9937, 15.8472, 17.5232



20.5463, 10.4910, 5.5276



1.7541, 0.8907, 0.6957

Inverse Universe

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



40.7287, 22.7847, 19.7042



43.9218, 22.8214, 14.5457



41.0979, 54.5248, 90.7962



15.9937, 15.8472, 17.5232



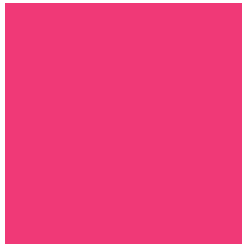
20.5463, 10.4910, 5.5276



1.7541, 0.8907, 0.6957

Previews

White Background



This preview shows how the XYZ color 40.7281, 22.7834, 19.7038 looks on a white background.

Color Contrast Check

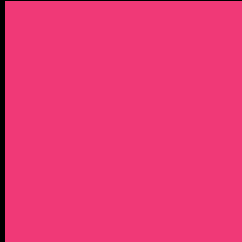
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.7281, 22.7834, 19.7038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

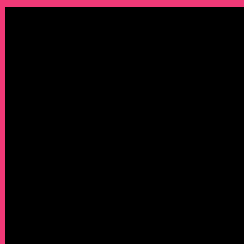
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7281, 22.7834, 19.7038

Background



This preview shows how black text looks on a background with the XYZ color 40.7281, 22.7834, 19.7038.



This preview shows how white text looks on a background with the XYZ color 40.7281, 22.7834,

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

40.7281, 22.7834, 19.7038

Protanopia

22.9785, 23.1714, 36.0623

Deuteranopia

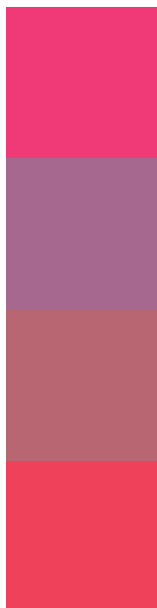
23.3527, 22.9799, 17.9566



Tritanopia

38.5577, 22.9013, 8.5191

Trichromacy



Original Color

40.7281, 22.7834, 19.7038

Protanomaly

25.9207, 20.1297, 28.9048

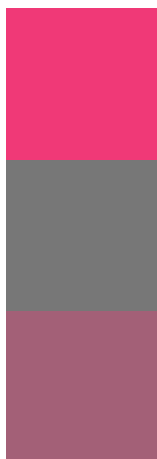
Deuteranomaly

27.4992, 20.8853, 18.2047

Tritanomaly

39.2901, 22.8526, 11.7914

Monochromacy



Original Color

40.7281, 22.7834, 19.7038

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.6169, 17.4842, 19.6355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7281, 22.7834, 19.7038 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(240, 57, 119)` looks like.

```
.text, #text, p{  
    color:rgb(240, 57, 119)  
}
```

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(240, 57, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 57, 119) }
```

Border

The CSS property to change the border of an element to XYZ 40.7281, 22.7834, 19.7038 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(240, 57, 119) }
```


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

```
.border{ border-color:rgb(240, 57, 119) }
```

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

Here you see how a box with a 4 pixel rgb(240, 57, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 57, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 57, 119);  
box-shadow:4px 4px 4px 4px rgb(240, 57,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7281, 22.7834, 19.7038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 57, 119) }
```

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

```
.background{ background-color: rgb(240, 57,  
119) }
```

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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