

Converting Colors

XYZ(38.4036, 25.3178, 22.0439)

Have a look what the booklet for
XYZ(38.4036, 25.3178, 22.0439)
contains.

XYZ(38.3813, 25.3079, 21.9308)	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(38.3813, 25.3079,
21.9308)**

Conversions

Conversions Part 1

Format	Color
Hex	E05E7C
RGB	224, 94, 124
RGB Percent	88%, 37%, 49%
CMY	0.1216, 0.6313, 0.5137
CMYK	0.00, 0.58, 0.45, 0.12
HSL	346°, 68%, 62%
HSV	346°, 58%, 88%
XYZ	38.3813, 25.3079, 21.9308
YIQ	136.2900, 67.8500, 36.8900

Conversions

Conversions Part 2

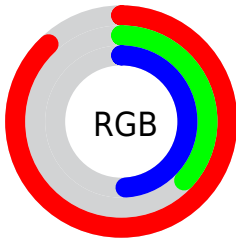
Format	Color
R_{YB}	224, 94, 124
Decimal	14704252
CIE _{Lab}	57.37, 53.30, 9.27
CIE _{LCh}	57, 54.103, 9.867
Yxy	25.3079, 0.4483, 0.2956
Android (android.graphics.Color)	4292894332 (0xFFE05E7C)
YUV	136.2900, -6.0590, 76.9217
Hunter-Lab	50.3070, 48.1480, 9.3680

Details

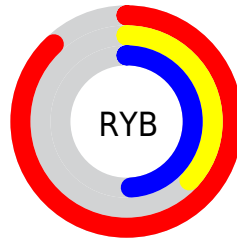
The XYZ color **38.3813, 25.3079, 21.9308** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **41.0108, 59.5867, 60.3827**, and the grayscale version is **23.5155, 24.7402, 26.9421**.

A 20% lighter version of the original color is **59.8239, 45.8895, 46.7788**, and **17.2414, 9.7236, 7.6247** is the 20% darker color. If you saturate the color by 10%, you get **35.6742, 21.4881, 16.1137**, and if you desaturate by 10%, it is **41.8579, 30.3622, 28.9444**.

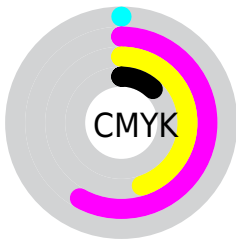
Distribution



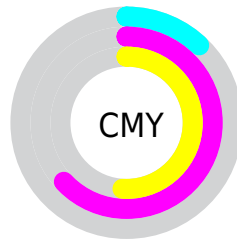
- Red (88%)
- Green (37%)
- Blue (49%)



- Red (88%)
- Yellow (37%)
- Blue (49%)



- Cyan (0%)
- Magenta (58%)
- Yellow (45%)
- Black (12%)



- Cyan (12%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3813, 25.3079, 21.9308 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 38.3813, 25.3079, 21.9308 by changing the saturation by 10% instead.


 38.3813, 25.3079,
21.9308


 38.3813, 25.3079,
21.9308


330.5055,
279.3679, 275.1264


 26.4573, 16.3066,
13.6082


 71.9923, 52.1563,
47.5323


 17.3005, 9.7414,
7.7131


 94.4101, 70.7722,
65.6484

 10.5456, 5.2278,
3.8268


 121.0565, 93.3617,
87.8660

 5.8272, 2.3815,
1.5308

 152.2969,
120.3093, 114.6037

 2.7800, 0.8164,
0.2407

188.4966,
151.9993, 146.2800

 1.0385, 0.0000,
0.0000

230.0211,

 0.0000, 0.0000,

188.8161, 183.3136

0.0000

277.2356,
231.1442, 226.1228

■ 38.3813, 25.3079,
21.9308

■ 38.3813, 25.3079,
21.9308

■ 35.6742, 21.4881,
16.1137

■ 41.8579, 30.3622,
28.9444

■ 33.6733, 18.7916,
11.4223

■ 46.1568, 36.7414,
37.2166

■ 32.3077, 17.0942,
7.7801

■ 51.3280, 44.5321,
46.8068

■ 31.4797, 16.2195,
5.0953

■ 57.4170, 53.8123,
57.7701

■ 31.3532, 16.0924,
4.6653

■ 64.4662, 64.6545,
70.1584

■ 72.5151, 77.1261,
84.0207

■ 81.6012, 91.2908,
99.4040

■ 84.5505, 94.5873,
108.4086

Harmonies

Analogous

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



37.6059, 25.3079, 41.6041



38.3813, 25.3079, 21.9308



34.8278, 25.3079, 10.5386

Triad

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



38.3813, 25.3079, 21.9308



16.9774, 25.3079, 8.3531



20.0507, 25.3079, 75.8621

Complementary

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



38.3813, 25.3079, 21.9308



41.0108, 59.5867, 60.3827

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.



15.7691, 25.3079, 56.9985



38.3813, 25.3079, 21.9308



14.2260, 25.3079, 17.0905

Square

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



38.3813, 25.3079, 21.9308



22.0004, 25.3079, 5.3394



13.8270, 25.3079, 34.0692



26.2324, 25.3079, 79.1239

Rectangle

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



38.3813, 25.3079, 21.9308



30.7989, 25.3079, 6.8946



13.8270, 25.3079, 34.0692



18.3742, 25.3079, 70.8360

Sweetspot

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



38.3820, 25.3092, 21.9312



77.8343, 73.4275, 78.9337



39.6210, 24.8140, 73.2224



16.2790, 15.1335, 16.2180



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.



38.3820, 25.3092, 21.9312



47.1104, 27.7986, 19.9244



40.5683, 32.2698, 14.6819



13.8361, 13.7521, 14.9073



18.2864, 9.3816, 2.9082



1.3017, 0.6640, 0.3816

Inverse Universe

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



38.3820, 25.3092, 21.9312



47.1104, 27.7986, 19.9244



36.3412, 44.3015, 77.1567



13.8361, 13.7521, 14.9073



18.2864, 9.3816, 2.9082



1.3017, 0.6640, 0.3816

Previews

White Background



This preview shows how the XYZ color 38.3813, 25.3079, 21.9308 looks on a white background.

Color Contrast Check

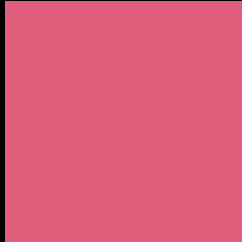
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.3813, 25.3079, 21.9308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

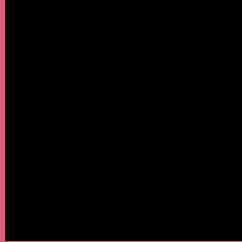
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.3813, 25.3079, 21.9308

Background



This preview shows how black text looks on a background with the XYZ color 38.3813, 25.3079, 21.9308.

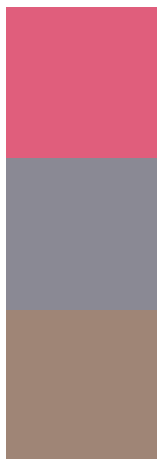


This preview shows how white text looks on a background with the XYZ color 38.3813, 25.3079,

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

38.3813, 25.3079, 21.9308

Protanopia

24.7722, 25.4327, 31.6203

Deuteranopia

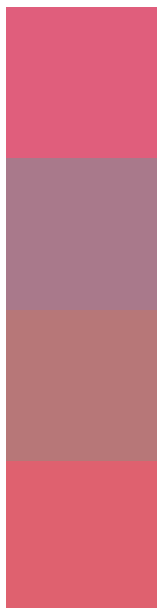
25.9556, 25.4540, 20.6846



Tritanopia

37.2978, 25.4228, 16.0380

Trichromacy



Original Color

38.3813, 25.3079, 21.9308

Protanomaly

27.8598, 23.9738, 27.5851

Deuteranomaly

29.5154, 24.6170, 20.9652

Tritanomaly

37.5754, 25.3851, 17.9583

Monochromacy



Original Color

38.3813, 25.3079, 21.9308

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

27.1507, 23.6655, 24.9667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3813, 25.3079, 21.9308 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(224, 94, 124)` looks like.

```
.text, #text, p{  
    color:rgb(224, 94, 124)  
}
```

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(224, 94, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 94, 124) }
```

Border

The CSS property to change the border of an element to XYZ 38.3813, 25.3079, 21.9308 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(224, 94, 124) }
```


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

```
.border{ border-color:rgb(224, 94, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 94, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 94, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 94, 124);  
box-shadow:4px 4px 4px 4px rgb(224, 94,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3813, 25.3079, 21.9308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 94, 124) }
```

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

```
.background{ background-color: rgb(224, 94,  
124) }
```

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