

Converting Colors

XYZ(38.2785, 22.3143, 18.6418)

Have a look what the booklet for
XYZ(38.2785, 22.3143, 18.6418)
contains.

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Color

**XYZ(38.3804, 22.4079,
18.5219)**

Conversions

Conversions Part 1

Format	Color
Hex	E84373
RGB	232, 67, 115
RGB Percent	91%, 26%, 45%
CMY	0.0902, 0.7372, 0.5490
CMYK	0.00, 0.71, 0.50, 0.09
HSL	343°, 78%, 59%
HSV	343°, 71%, 91%
XYZ	38.3804, 22.4079, 18.5219
YIQ	121.8070, 82.9320, 49.9080

Conversions

Conversions Part 2

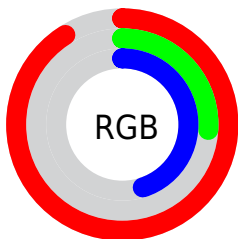
Format	Color
R_{YB}	232, 67, 115
Decimal	15221619
CIE _{Lab}	54.46, 65.87, 10.66
CIE _{LCh}	54, 66.730, 9.193
Yxy	22.4079, 0.4839, 0.2825
Android (android.graphics.Color)	4293411699 (0xFFE84373)
YUV	121.8070, -3.3559, 96.6393
Hunter-Lab	47.3370, 61.8865, 9.9370

Details

The XYZ color **38.3804, 22.4079, 18.5219** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **39.8248, 62.3679, 55.2922**, and the grayscale version is **18.4288, 19.3885, 21.1141**.

A 20% lighter version of the original color is **55.6759, 38.9717, 41.1471**, and **17.5907, 8.9513, 6.1108** is the 20% darker color. If you saturate the color by 10%, you get **36.4029, 19.8353, 13.6015**, and if you desaturate by 10%, it is **41.0801, 26.1547, 24.5170**.

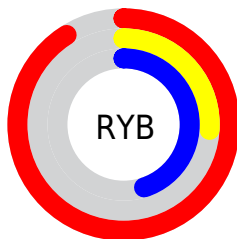
Distribution



Red (91%)

Green (26%)

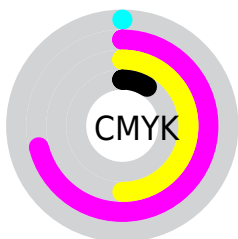
Blue (45%)



Red (91%)

Yellow (26%)

Blue (45%)

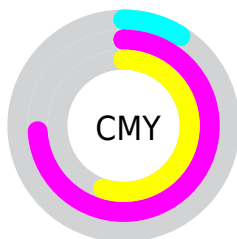


Cyan (0%)

Magenta (71%)

Yellow (50%)

Black (9%)



Cyan (9%)


Magenta (74%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3804, 22.4079, 18.5219 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 38.3804, 22.4079, 18.5219 by changing the saturation by 10% instead.


 38.3804, 22.4079,
18.5219


 38.3804, 22.4079,
18.5219


330.5017,
264.6691, 256.1307


 26.4566, 14.1569,
11.1520


 71.9910, 47.4192,
41.7505


 17.3000, 8.2299,
6.0537


 94.4085, 64.9484,
58.4464


 10.5453, 4.2424,
2.8085


 121.0546, 86.3391,
79.0879

 5.8270, 1.8101,
0.9977

 152.2946,
111.9757, 104.0938

 2.7798, 0.4934,
0.0000

 188.4940,
142.2426, 133.8824

 1.0384, 0.0000,
0.0000

230.0181,

 0.0000, 0.0000,

177.5242, 168.8724

0.0000

277.2322,
218.2049, 209.4823

■ 38.3804, 22.4079,
18.5219

■ 38.3804, 22.4079,
18.5219

■ 36.4029, 19.8353,
13.6015

■ 41.0801, 26.1547,
24.5170

■ 35.0664, 18.2886,
9.6838


■ 44.5674, 31.1930,
31.6491


■ 34.3063, 17.5668,
6.9687


■ 48.9021, 37.6298,
39.9766


■ 54.1374, 45.5601,
49.5535

■ 60.3222, 55.0703,
60.4299

 67.5015, 66.2402,
72.6534

 75.7176, 79.1443,
86.2691

 85.0103, 93.8524,
101.3198

 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



37.3019, 22.4079, 41.6489



38.3804, 22.4079, 18.5219



34.1368, 22.4079, 6.7894

Triad

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



38.3804, 22.4079, 18.5219



13.6010, 22.4079, 4.6207



16.6902, 22.4079, 84.5869

Complementary

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



38.3804, 22.4079, 18.5219



39.8248, 62.3679, 55.2922

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.



12.1651, 22.4079, 59.6479



38.3804, 22.4079, 18.5219



10.6854, 22.4079, 12.7217

Square

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



38.3804, 22.4079, 18.5219



19.1329, 22.4079, 2.3400



10.2278, 22.4079, 31.4024



23.6207, 22.4079, 89.5027

Rectangle

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



38.3804, 22.4079, 18.5219



29.3276, 22.4079, 3.5953



10.2278, 22.4079, 31.4024



14.8867, 22.4079, 77.7886

Sweetspot

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



38.3810, 22.4092, 18.5223



74.7595, 68.2545, 74.8975



35.9837, 19.8482, 78.2783



15.5203, 13.8658, 15.1950



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.



38.3810, 22.4092, 18.5223



44.3046, 23.6076, 14.6095



38.8501, 26.6771, 8.4134



14.5485, 14.4366, 15.8231



19.0931, 9.7714, 4.1191



1.4503, 0.7378, 0.5117

Inverse Universe

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



38.3810, 22.4092, 18.5223



44.3046, 23.6076, 14.6095



37.3048, 47.8676, 83.6170



14.5485, 14.4366, 15.8231



19.0931, 9.7714, 4.1191



1.4503, 0.7378, 0.5117

Previews

White Background



This preview shows how the XYZ color 38.3804, 22.4079, 18.5219 looks on a white background.

Color Contrast Check

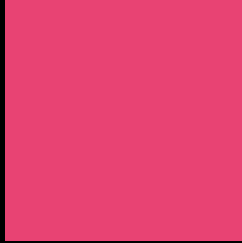
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.3804, 22.4079, 18.5219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

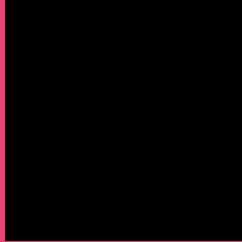
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.3804, 22.4079, 18.5219

Background



This preview shows how black text looks on a background with the XYZ color 38.3804, 22.4079, 18.5219.



This preview shows how white text looks on a background with the XYZ color 38.3804, 22.4079,

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

38.3804, 22.4079, 18.5219

Protanopia

22.3095, 22.7244, 31.6442

Deuteranopia

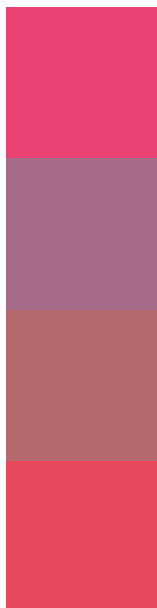
23.0636, 22.6586, 17.0679



Tritanopia

36.5605, 22.4197, 9.7976

Trichromacy



Original Color

38.3804, 22.4079, 18.5219

Protanomaly

25.4989, 20.4285, 26.2661

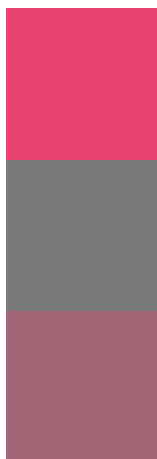
Deuteranomaly

26.9221, 21.0527, 17.3965

Tritanomaly

37.2041, 22.3964, 12.4873

Monochromacy



Original Color

38.3804, 22.4079, 18.5219

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

22.9814, 18.5160, 19.8155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3804, 22.4079, 18.5219 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(232, 67, 115)` looks like.

```
.text, #text, p{  
    color:rgb(232, 67, 115)  
}
```

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(232, 67, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 67, 115) }
```

Border

The CSS property to change the border of an element to XYZ 38.3804, 22.4079, 18.5219 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(232, 67, 115) }
```


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

```
.border{ border-color:rgb(232, 67, 115) }
```

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

Here you see how a box with a 4 pixel rgb(232, 67, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 67, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 67, 115);  
box-shadow:4px 4px 4px 4px rgb(232, 67,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3804, 22.4079, 18.5219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 67, 115) }
```

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

```
.background{ background-color: rgb(232, 67,  
115) }
```

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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