

Converting Colors

XYZ(38.2422, 22.5634, 13.9683)

Have a look what the booklet for
XYZ(38.2422, 22.5634, 13.9683)
contains.

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Color

**XYZ(38.2034, 22.5085,
13.8863)**

Conversions

Conversions Part 1

Format	Color
Hex	EA4462
RGB	234, 68, 98
RGB Percent	92%, 27%, 38%
CMY	0.0824, 0.7333, 0.6157
CMYK	0.00, 0.71, 0.58, 0.08
HSL	349°, 80%, 59%
HSV	349°, 71%, 92%
XYZ	38.2034, 22.5085, 13.8863
YIQ	121.0540, 89.3060, 44.5220

Conversions

Conversions Part 2

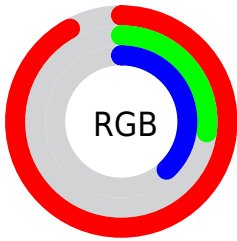
Format	Color
RYB	234, 68, 98
Decimal	15352930
CIELab	54.56, 64.85, 20.99
CIELCh	55, 68.162, 17.934
Yxy	22.5085, 0.5121, 0.3017
Android (android.graphics.Color)	4293543010 (0xFFEA4462)
YUV	121.0540, -11.3656, 99.0536
Hunter-Lab	47.4431, 60.7110, 15.8564

Details

The XYZ color **38.2034, 22.5085, 13.8863** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **42.7077, 64.4348, 67.3194**, and the grayscale version is **18.2082, 19.1564, 20.8613**.

A 20% lighter version of the original color is **54.1747, 38.5769, 32.6077**, and **17.6331, 9.0186, 4.0602** is the 20% darker color. If you saturate the color by 10%, you get **36.2602, 19.9016, 9.2947**, and if you desaturate by 10%, it is **40.9289, 26.3334, 19.8086**.

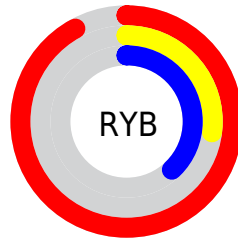
Distribution



Red (92%)

Green (27%)

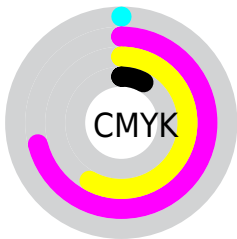
Blue (38%)



Red (92%)

Yellow (27%)

Blue (38%)

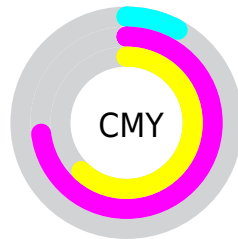


Cyan (0%)

Magenta (71%)

Yellow (58%)

Black (8%)



Cyan (8%)


Magenta (73%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2034, 22.5085, 13.8863 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 38.2034, 22.5085, 13.8863 by changing the saturation by 10% instead.


 38.2034, 22.5085,
13.8863


 38.2034, 22.5085,
13.8863

329.7575,
265.1904, 227.9261


 26.3185, 14.2310,
7.9038


 71.7217, 47.5850,
33.6014


 17.1960, 8.2815,
3.9466


 94.0858, 65.1528,
48.1710


 10.4705, 4.2756,
1.5961


 120.6737, 86.5862,
66.4401

 5.7767, 1.8289,
0.2880

 151.8507,
112.2695, 88.8271

 2.7491, 0.5051,
0.0000

 187.9823,
142.5872, 115.7507

 1.0225, 0.0000,
0.0000

229.4337,

 0.0000, 0.0000,

177.9237, 147.6294

0.0000

276.5703,
218.6633, 184.8817

■ 38.2034, 22.5085,
13.8863

■ 38.2034, 22.5085,
13.8863

■ 36.2602, 19.9016,
9.2947

■ 40.9289, 26.3334,
19.8086

■ 35.0101, 18.3591,
5.9259


■ 44.5092, 31.4982,
27.1552


■ 34.3544, 17.6615,
3.8149


■ 49.0103, 38.1139,
36.0122


■ 54.4908, 46.2791,
46.4585

■ 61.0049, 56.0837,
58.5675

 68.6023, 67.6106,
72.4079

 77.3298, 80.9371,
88.0444

 87.1639, 96.0013,
105.5161

 87.7415, 96.2323,
108.5580

Harmonies

Analogous

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



38.7670, 22.5085, 34.1670



38.2034, 22.5085, 13.8863



32.5498, 22.5085, 4.8833

Triad

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



38.2034, 22.5085, 13.8863



12.3938, 22.5085, 5.9726



18.5256, 22.5085, 90.8921

Complementary

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



38.2034, 22.5085, 13.8863



42.7077, 64.4348, 67.3194

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.



13.1314, 22.5085, 69.5710



38.2034, 22.5085, 13.8863



10.1854, 22.5085, 16.8660

Square

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



38.2034, 22.5085, 13.8863



17.2634, 22.5085, 2.4953



10.4195, 22.5085, 39.5059



26.1352, 22.5085, 88.3024

Rectangle

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



38.2034, 22.5085, 13.8863



27.2649, 22.5085, 2.7235



10.4195, 22.5085, 39.5059



16.4323, 22.5085, 85.9360

Sweetspot

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



38.2039, 22.5098, 13.8867



74.0052, 67.9528, 70.9259



41.7027, 22.8525, 80.0545



15.3436, 13.7951, 14.2648



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.



38.2039, 22.5098, 13.8867



43.2952, 23.2039, 9.2943



41.7610, 31.4813, 9.3461



15.1766, 15.0985, 16.2152



19.3383, 9.9380, 2.3167



1.5503, 0.7931, 0.3492

Inverse Universe

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



38.2039, 22.5098, 13.8867



43.2952, 23.2039, 9.2943



33.8487, 40.3954, 83.8546



15.1766, 15.0985, 16.2152



19.3383, 9.9380, 2.3167



1.5503, 0.7931, 0.3492

Previews

White Background



This preview shows how the XYZ color 38.2034, 22.5085, 13.8863 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 38.2034, 22.5085, 13.8863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

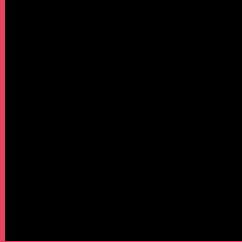
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.2034, 22.5085, 13.8863

Background



This preview shows how black text looks on a background with the XYZ color 38.2034, 22.5085, 13.8863.



This preview shows how white text looks on a background with the XYZ color 38.2034, 22.5085,

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

38.2034, 22.5085, 13.8863

Protanopia

21.6449, 22.5659, 23.2935

Deuteranopia

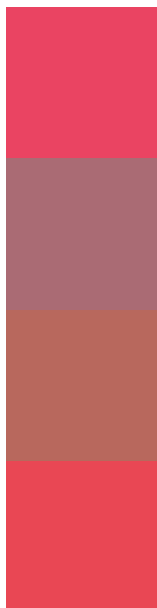
22.8894, 22.4733, 12.8042



Tritanopia

37.2261, 22.4802, 9.2145

Trichromacy



Original Color

38.2034, 22.5085, 13.8863

Protanomaly

24.9876, 20.3224, 19.1286

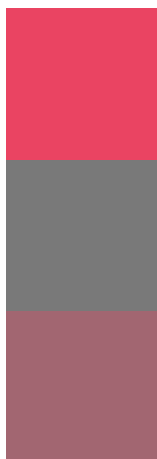
Deuteranomaly

26.6933, 20.8813, 12.9795

Tritanomaly

37.4577, 22.4702, 10.7504

Monochromacy



Original Color

38.2034, 22.5085, 13.8863

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

22.6323, 18.3764, 17.9769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2034, 22.5085, 13.8863 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(234, 68, 98)` looks like.

```
.text, #text, p{  
  color:rgb(234, 68, 98)  
}
```

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(234, 68, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 68, 98) }
```

Border

The CSS property to change the border of an element to XYZ 38.2034, 22.5085, 13.8863 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(234, 68, 98) }
```


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

```
.border{ border-color:rgb(234, 68, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 68, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 68, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 68, 98);  
box-shadow:4px 4px 4px 4px rgb(234, 68,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2034, 22.5085, 13.8863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 68, 98) }
```

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

```
.background{ background-color: rgb(234, 68,  
98) }
```

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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