

Converting Colors

XYZ(39.0478, 22.8000, 14.5275)

Have a look what the booklet for
XYZ(39.0478, 22.8000, 14.5275)
contains.

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Color

**XYZ(38.9482, 22.7868,
14.6574)**

Conversions

Conversions Part 1

Format	Color
Hex	EC4365
RGB	236, 67, 101
RGB Percent	93%, 26%, 40%
CMY	0.0745, 0.7372, 0.6039
CMYK	0.00, 0.72, 0.57, 0.07
HSL	348°, 82%, 59%
HSV	348°, 72%, 93%
XYZ	38.9482, 22.7868, 14.6574
YIQ	121.4070, 89.8100, 46.4020

Conversions

Conversions Part 2

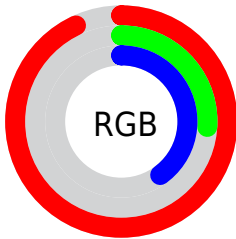
Format	Color
R_{YB}	236, 67, 101
Decimal	15483749
CIE _{Lab}	54.85, 65.98, 19.66
CIE _{LCh}	55, 68.850, 16.589
Yxy	22.7868, 0.5098, 0.2983
Android (android.graphics.Color)	4293673829 (0xFFEC4365)
YUV	121.4070, -10.0607, 100.4981
Hunter-Lab	47.7355, 62.1039, 15.2096

Details

The XYZ color **38.9482, 22.7868, 14.6574** 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 **42.9728, 65.4491, 66.2520**, and the grayscale version is **18.3184, 19.2724, 20.9877**.

A 20% lighter version of the original color is **54.3684, 38.4487, 34.2616**, and **18.1451, 9.2745, 4.4482** is the 20% darker color. If you saturate the color by 10%, you get **36.9994, 20.2021, 9.9613**, and if you desaturate by 10%, it is **41.6812, 26.6013, 20.6605**.

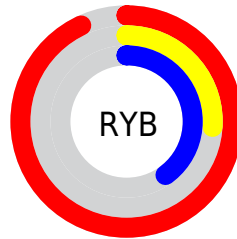
Distribution



Red (93%)

Green (26%)

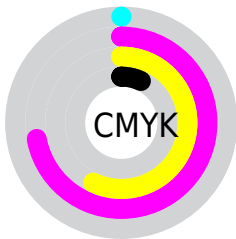
Blue (40%)



Red (93%)

Yellow (26%)

Blue (40%)

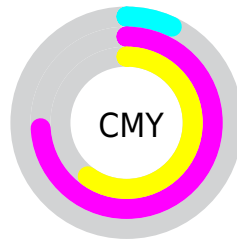


Cyan (0%)

Magenta (72%)

Yellow (57%)

Black (7%)



Cyan (7%)


Magenta (74%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9482, 22.7868, 14.6574 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 38.9482, 22.7868, 14.6574 by changing the saturation by 10% instead.


 38.9482, 22.7868,
14.6574


 38.9482, 22.7868,
14.6574


332.8812,
266.6281, 232.8520


 26.9000, 14.4362,
8.4354

 72.8538, 48.0430,
34.9848

 17.6343, 8.4246,
4.2830


 95.4418, 65.7174,
49.9272


 10.7859, 4.3678,
1.7819


 122.2738, 87.2684,
68.6135

 5.9893, 1.8814,
0.4159

 153.7152,
113.0806, 91.4622

 2.8791, 0.5372,
0.0000

 190.1313,
143.5383, 118.8919

 1.0902, 0.0000,
0.0000

231.8874,

 0.0169, 0.0000,

179.0258, 151.3210

0.0000

279.3489,
219.9276, 189.1682

■ 0.0000, 0.0000,
0.0000

■ 38.9482, 22.7868,
14.6574

■ 38.9482, 22.7868,
14.6574

■ 36.9994, 20.2021,
9.9613

■ 41.6812, 26.6013,
20.6605

■ 35.7442, 18.6887,
6.4691


■ 45.2720, 31.7708,
28.0603


■ 35.1145, 18.0418,
4.3706


■ 49.7872, 38.4093,
36.9394


■ 55.2863, 46.6177,
47.3734

■ 61.8239, 56.4879,
59.4329

 69.4502, 68.1046,
73.1839

 78.2123, 81.5469,
88.6889

 87.8951, 96.3701,
105.9203

 88.4019, 96.5728,
108.5889

Harmonies

Analogous

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



39.2600, 22.7868, 35.8678



38.9482, 22.7868, 14.6574



33.3649, 22.7868, 5.1103

Triad

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



38.9482, 22.7868, 14.6574



12.6646, 22.7868, 5.7060



18.4354, 22.7868, 92.0792

Complementary

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



38.9482, 22.7868, 14.6574



42.9728, 65.4491, 66.2520

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.



13.0707, 22.7868, 69.4670



38.9482, 22.7868, 14.6574



10.3057, 22.7868, 16.2977

Square

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



38.9482, 22.7868, 14.6574



17.7394, 22.7868, 2.4126



10.4344, 22.7868, 38.8193



26.1154, 22.7868, 90.6429

Rectangle

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



38.9482, 22.7868, 14.6574



28.0150, 22.7868, 2.7919



10.4344, 22.7868, 38.8193



16.3440, 22.7868, 86.6534

Sweetspot

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



38.9488, 22.7881, 14.6578



74.1432, 68.0080, 71.6524



40.8037, 22.2668, 81.5038



15.3759, 13.8080, 14.4346



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.



38.9488, 22.7881, 14.6578



43.3027, 23.0800, 9.7248



41.7238, 30.4750, 8.9953



15.1893, 15.1036, 16.2823



19.3926, 9.9597, 2.6028



1.5564, 0.7955, 0.3812

Inverse Universe

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



38.9488, 22.7881, 14.6578



43.3027, 23.0800, 9.7248



35.4646, 43.2674, 85.8388



15.1893, 15.1036, 16.2823



19.3926, 9.9597, 2.6028



1.5564, 0.7955, 0.3812

Previews

White Background



This preview shows how the XYZ color 38.9482, 22.7868, 14.6574 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 38.9482, 22.7868, 14.6574 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 38.9482, 22.7868, 14.6574

Background



This preview shows how black text looks on a background with the XYZ color 38.9482, 22.7868, 14.6574.



This preview shows how white text looks on a background with the XYZ color 38.9482, 22.7868,

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

38.9482, 22.7868, 14.6574

Protanopia

22.1127, 22.9669, 25.0974

Deuteranopia

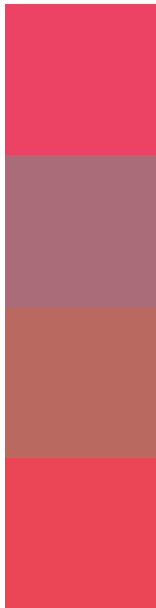
23.3413, 22.8801, 13.5420



Tritanopia

37.8828, 22.8187, 9.2453

Trichromacy



Original Color

38.9482, 22.7868, 14.6574

Protanomaly

25.6083, 20.7635, 20.7472

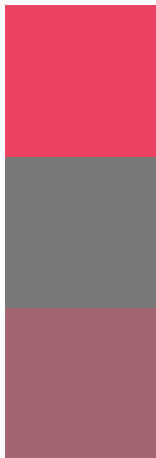
Deuteranomaly

27.4126, 21.3868, 13.7496

Tritanomaly

38.0908, 22.6984, 10.9679

Monochromacy



Original Color

38.9482, 22.7868, 14.6574

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

22.7952, 18.3088, 18.2521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9482, 22.7868, 14.6574 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(236, 67, 101)` looks like.

```
.text, #text, p{  
    color:rgb(236, 67, 101)  
}
```

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(236, 67, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 67, 101) }
```

Border

The CSS property to change the border of an element to XYZ 38.9482, 22.7868, 14.6574 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(236, 67, 101) }
```


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

```
.border{ border-color:rgb(236, 67, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 67, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 67, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 67, 101);  
box-shadow:4px 4px 4px 4px rgb(236, 67,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9482, 22.7868, 14.6574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 67, 101) }
```

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

```
.background{ background-color: rgb(236, 67,  
101) }
```

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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