

Converting Colors

XYZ(39.2761, 22.1706, 20.2984)

Have a look what the booklet for
XYZ(39.2761, 22.1706, 20.2984)
contains.

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Color

**XYZ(39.2761, 22.1706,
20.2984)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EB3B79 |
| RGB | 235, 59, 121 |
| RGB Percent | 92%, 23%, 47% |
| CMY | 0.0784, 0.7686, 0.5255 |
| CMYK | 0.00, 0.75, 0.49, 0.08 |
| HSL | 339°, 81%, 58% |
| HSV | 339°, 75%, 92% |
| XYZ | 39.2761, 22.1706, 20.2984 |
| YIQ | 118.6920, 84.9940, 56.5940 |

Conversions

Conversions Part 2

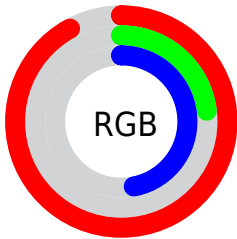
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 235, 59, 121 |
| Decimal | 15416185 |
| CIE _{Lab} | 54.21, 69.80, 6.80 |
| CIE _{LCh} | 54, 70.132, 5.560 |
| Yxy | 22.1706, 0.4805, 0.2712 |
| Android (android.graphics.Color) | 4293606265 (0xFFEB3B79) |
| YUV | 118.6920, 1.1378, 102.0021 |
| Hunter-Lab | 47.0857, 66.4943, 7.4003 |

Details

The XYZ color **39.2761, 22.1706, 20.2984** 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 **39.0567, 63.3643, 49.7135**, and the grayscale version is **17.4168, 18.3238, 19.9546**.

A 20% lighter version of the original color is **55.6202, 37.9519, 43.9291**, and **18.4362, 9.3653, 7.1393** is the 20% darker color. If you saturate the color by 10%, you get **37.4670, 19.9306, 15.4474**, and if you desaturate by 10%, it is **41.7768, 25.5583, 26.1071**.

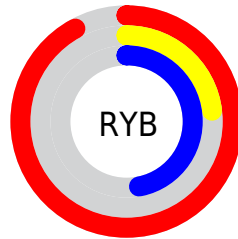
Distribution



Red (92%)

Green (23%)

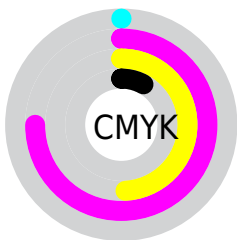
Blue (47%)



Red (92%)

Yellow (23%)

Blue (47%)

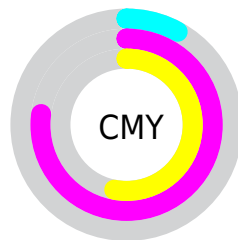


Cyan (0%)

Magenta (75%)

Yellow (49%)

Black (8%)



Cyan (8%)


Magenta (77%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2761, 22.1706, 20.2984 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 39.2761, 22.1706, 20.2984 by changing the saturation by 10% instead.

 39.2761, 22.1706,
20.2984


 39.2761, 22.1706,
20.2984


334.2499,
263.4359, 266.1835


 27.1563, 13.9823,
12.4259


 73.3513, 47.0278,
44.7824


 17.8278, 8.1084,
6.9084


 96.0374, 64.4655,
62.2311


 10.9254, 4.1644,
3.3273


 122.9762, 85.7551,
83.7088

 6.0836, 1.7659,
1.2641

 154.5332,
111.2811, 109.6343

 2.9371, 0.4658,
0.0321

 191.0738,
141.4277, 140.4259

 1.1206, 0.0000,
0.0000

232.9631,

 0.0422, 0.0000,

176.5795, 176.5023

0.0000

280.5667,
217.1207, 218.2819

■ 0.0000, 0.0000,
0.0000

■ 39.2761, 22.1706,
20.2984

■ 39.2761, 22.1706,
20.2984

■ 37.4670, 19.9306,
15.4474

■ 41.7768, 25.5583,
26.1071

■ 36.2616, 18.6730,
11.4903


■ 45.0384, 30.2217,
32.9278


■ 35.8134, 18.2831,
9.7792


■ 49.1232, 36.2759,
40.8115


■ 54.0864, 43.8217,
49.8046

■ 59.9780, 52.9507,
59.9509

 66.8442, 63.7471,
71.2913

 74.7281, 76.2889,
83.8647

 83.6702, 90.6493,
97.7082

 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



37.4223, 22.1706, 45.9931



39.2761, 22.1706, 20.2984



35.3789, 22.1706, 7.0371

Triad

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



39.2761, 22.1706, 20.2984



13.6490, 22.1706, 3.5671



15.5737, 22.1706, 86.0293

Complementary

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



39.2761, 22.1706, 20.2984



39.0567, 63.3643, 49.7135

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.



11.2599, 22.1706, 57.6865



39.2761, 22.1706, 20.2984



10.3508, 22.1706, 10.6092

Square

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



39.2761, 22.1706, 20.2984



19.6845, 22.1706, 1.8317



9.5956, 22.1706, 28.4381



22.5242, 22.1706, 94.6106

Rectangle

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



39.2761, 22.1706, 20.2984



30.4913, 22.1706, 3.4371



9.5956, 22.1706, 28.4381



13.8255, 22.1706, 77.9119

Sweetspot

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



39.2767, 22.1719, 20.2988



74.3819, 67.1574, 75.8257



33.2396, 17.7261, 80.2665



15.4638, 13.6595, 15.4644



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.



39.2767, 22.1719, 20.2988



44.2175, 23.0244, 15.8411



38.1041, 24.0849, 6.7800



15.2846, 15.1417, 16.7839



19.9867, 10.1974, 5.7312



1.6136, 0.8184, 0.6828

Inverse Universe

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



39.2767, 22.1719, 20.2988



44.2175, 23.0244, 15.8411



40.2271, 53.7830, 86.8580



15.2846, 15.1417, 16.7839



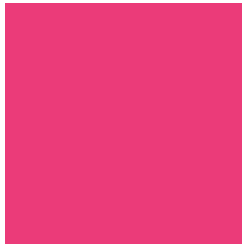
19.9867, 10.1974, 5.7312



1.6136, 0.8184, 0.6828

Previews

White Background



This preview shows how the XYZ color 39.2761, 22.1706, 20.2984 looks on a white background.

Color Contrast Check

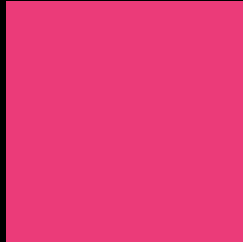
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2761, 22.1706, 20.2984 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 39.2761, 22.1706, 20.2984

Background



This preview shows how black text looks on a background with the XYZ color 39.2761, 22.1706, 20.2984.



This preview shows how white text looks on a background with the XYZ color 39.2761, 22.1706,

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

39.2761, 22.1706, 20.2984

Protanopia

22.3638, 22.4495, 36.4122

Deuteranopia

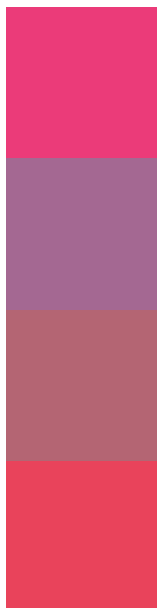
22.6527, 22.2266, 18.4255



Tritanopia

36.7680, 22.1567, 8.8173

Trichromacy



Original Color

39.2761, 22.1706, 20.2984

Protanomaly

25.4485, 19.8685, 29.6878

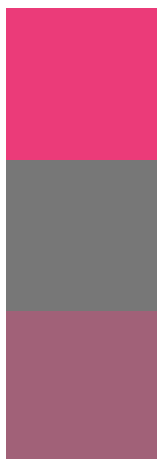
Deuteranomaly

26.5706, 20.2485, 18.7276

Tritanomaly

37.4998, 22.0933, 12.1855

Monochromacy



Original Color

39.2761, 22.1706, 20.2984

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.3628, 17.4825, 19.9651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2761, 22.1706, 20.2984 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(235, 59, 121)` looks like.

```
.text, #text, p{  
    color:rgb(235, 59, 121)  
}
```

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(235, 59, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 59, 121) }
```

Border

The CSS property to change the border of an element to XYZ 39.2761, 22.1706, 20.2984 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(235, 59, 121) }
```


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

```
.border{ border-color:rgb(235, 59, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 59, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 59, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 59, 121);  
box-shadow:4px 4px 4px 4px rgb(235, 59,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2761, 22.1706, 20.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 59, 121) }
```

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

```
.background{ background-color: rgb(235, 59,  
121) }
```

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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