

Converting Colors

XYZ(39.1084, 23.3977, 15.5129)

Have a look what the booklet for
XYZ(39.1084, 23.3977, 15.5129)
contains.

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Color

**XYZ(39.1422, 23.4267,
15.5555)**

Conversions

Conversions Part 1

Format	Color
Hex	EB4968
RGB	235, 73, 104
RGB Percent	92%, 29%, 41%
CMY	0.0784, 0.7137, 0.5922
CMYK	0.00, 0.69, 0.56, 0.08
HSL	349°, 80%, 60%
HSV	349°, 69%, 92%
XYZ	39.1422, 23.4267, 15.5555
YIQ	124.9720, 86.6010, 43.9850

Conversions

Conversions Part 2

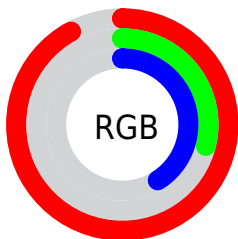
Format	Color
R_{YB}	235, 73, 104
Decimal	15419752
CIE _{Lab}	55.51, 63.77, 18.74
CIE _{LCh}	56, 66.464, 16.376
Yxy	23.4267, 0.5010, 0.2999
Android (android.graphics.Color)	4293609832 (0xFFEB4968)
YUV	124.9720, -10.3392, 96.4946
Hunter-Lab	48.4011, 59.6517, 14.8258

Details

The XYZ color **39.1422, 23.4267, 15.5555** 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 **43.3569, 65.1934, 67.4310**, and the grayscale version is **19.4981, 20.5135, 22.3393**.

A 20% lighter version of the original color is **55.2727, 39.8592, 35.7907**, and **17.9721, 9.1796, 4.6955** is the 20% darker color. If you saturate the color by 10%, you get **37.0202, 20.5575, 10.6104**, and if you desaturate by 10%, it is **42.0659, 27.5514, 21.8413**.

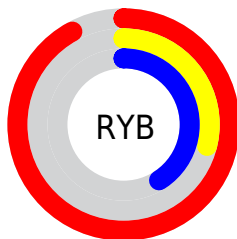
Distribution



Red (92%)

Green (29%)

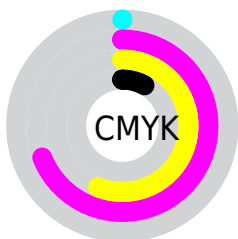
Blue (41%)



Red (92%)

Yellow (29%)

Blue (41%)

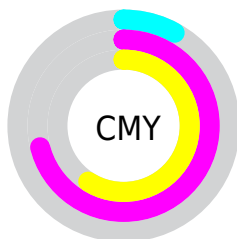


Cyan (0%)

Magenta (69%)

Yellow (56%)

Black (8%)



Cyan (8%)


Magenta (71%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1422, 23.4267, 15.5555 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 39.1422, 23.4267, 15.5555 by changing the saturation by 10% instead.


 39.1422, 23.4267,
15.5555


 39.1422, 23.4267,
15.5555

333.6914,
269.9091, 238.4598


 27.0516, 14.9089,
9.0592


 73.1482, 49.0930,
36.5808


 17.7488, 8.7555,
4.6825


 95.7943, 67.0103,
51.9469

 10.8684, 4.5820,
2.0067


 122.6895, 88.8296,
71.1067

 6.0450, 2.0042,
0.5594

 154.1994,
114.9352, 94.4787

 2.9134, 0.6099,
0.0000

 190.6891,
145.7116, 122.4814

 1.1081, 0.0000,
0.0000

232.5242,

 0.0319, 0.0000,

181.5431, 155.5335

0.0000

280.0698,
222.8141, 194.0535

■ 0.0000, 0.0000,
0.0000

■ 39.1422, 23.4267,
15.5555

■ 39.1422, 23.4267,
15.5555

■ 37.0202, 20.5575,
10.6104

■ 42.0659, 27.5514,
21.8413

■ 35.6136, 18.7946,
6.9037

■ 45.8617, 33.0508,
29.5570


■ 34.8009, 17.9217,
4.3131


■ 50.5942, 40.0342,
38.7850


■ 34.7337, 17.8512,
4.0934

■ 56.3214, 48.5992,
49.6014

■ 63.0963, 58.8349,
62.0766

 70.9682, 70.8236,
76.2771

 79.9833, 84.6424,
92.2656

 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.



39.4035, 23.4267, 36.5109



39.1422, 23.4267, 15.5555



33.7558, 23.4267, 5.7833

Triad

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



39.1422, 23.4267, 15.5555



13.3825, 23.4267, 6.3199



19.0429, 23.4267, 90.2707

Complementary

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



39.1422, 23.4267, 15.5555



43.3569, 65.1934, 67.4310

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.



13.7338, 23.4267, 68.5373



39.1422, 23.4267, 15.5555



10.9964, 23.4267, 16.9723

Square

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



39.1422, 23.4267, 15.5555



18.4473, 23.4267, 2.8705



11.1086, 23.4267, 38.9951



26.5792, 23.4267, 89.0854

Rectangle

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



39.1422, 23.4267, 15.5555



28.5517, 23.4267, 3.3066



11.1086, 23.4267, 38.9951



16.9786, 23.4267, 85.0420

Sweetspot

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



39.1428, 23.4280, 15.5559



74.0769, 67.9815, 71.3031



41.8988, 23.4052, 80.9064



15.3604, 13.8018, 14.3529



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.



39.1428, 23.4280, 15.5559



43.7107, 23.6509, 10.6162



42.3752, 31.9661, 10.2418



15.1832, 15.1011, 16.2501



19.3658, 9.9490, 2.4616



1.5534, 0.7943, 0.3656

Inverse Universe

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



39.1428, 23.4280, 15.5559



43.7107, 23.6509, 10.6162



35.3877, 42.7028, 84.9743



15.1832, 15.1011, 16.2501



19.3658, 9.9490, 2.4616



1.5534, 0.7943, 0.3656

Previews

White Background



This preview shows how the XYZ color 39.1422, 23.4267, 15.5555 looks on a white background.

Color Contrast Check

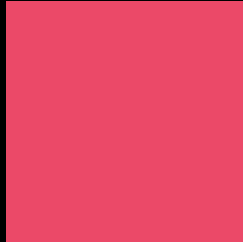
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1422, 23.4267, 15.5555 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 39.1422, 23.4267, 15.5555

Background



This preview shows how black text looks on a background with the XYZ color 39.1422, 23.4267, 15.5555.



This preview shows how white text looks on a background with the XYZ color 39.1422, 23.4267,

15.5555.

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

39.1422, 23.4267, 15.5555

Protanopia

22.7745, 23.7028, 25.5650

Deuteranopia

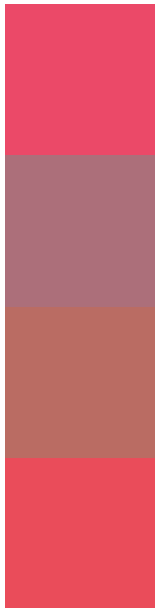
23.9310, 23.5520, 14.3510



Tritanopia

38.1086, 23.4094, 10.4926

Trichromacy



Original Color

39.1422, 23.4267, 15.5555

Protanomaly

26.2105, 21.5447, 21.1894

Deuteranomaly

27.8644, 22.0651, 14.5948

Tritanomaly

38.3616, 23.3995, 12.1675

Monochromacy



Original Color

39.1422, 23.4267, 15.5555

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.8820, 19.5918, 19.3525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1422, 23.4267, 15.5555 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, 73, 104)` looks like.

```
.text, #text, p{  
    color:rgb(235, 73, 104)  
}
```

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, 73, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 73, 104) }
```

Border

The CSS property to change the border of an element to XYZ 39.1422, 23.4267, 15.5555 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, 73, 104) }
```


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

```
.border{ border-color:rgb(235, 73, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 73, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 73, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 73, 104);  
box-shadow:4px 4px 4px 4px rgb(235, 73,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1422, 23.4267, 15.5555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 73, 104) }
```

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

```
.background{ background-color: rgb(235, 73,  
104) }
```

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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