

Converting Colors

XYZ(39.5010, 23.1632, 13.3372)

Have a look what the booklet for
XYZ(39.5010, 23.1632, 13.3372)
contains.

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Color

**XYZ(39.4383, 23.1559,
13.4572)**

Conversions

Conversions Part 1

Format	Color
Hex	EE4460
RGB	238, 68, 96
RGB Percent	93%, 27%, 38%
CMY	0.0667, 0.7333, 0.6235
CMYK	0.00, 0.71, 0.60, 0.07
HSL	350°, 83%, 60%
HSV	350°, 71%, 93%
XYZ	39.4383, 23.1559, 13.4572
YIQ	122.0220, 92.3320, 44.7480

Conversions

Conversions Part 2

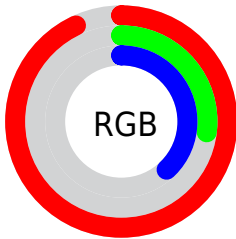
Format	Color
R_{YB}	238, 68, 96
Decimal	15615072
CIE _{Lab}	55.23, 65.90, 23.19
CIE _{LCh}	55, 69.857, 19.389
Yxy	23.1559, 0.5186, 0.3045
Android (android.graphics.Color)	4293805152 (0xFFEE4460)
YUV	122.0220, -12.8288, 101.7127
Hunter-Lab	48.1206, 62.0827, 17.1036

Details

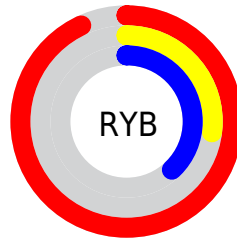
The XYZ color **39.4383, 23.1559, 13.4572** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle muted rose. A complement of this color would be **44.5933, 67.0318, 71.5679**, and the grayscale version is **18.5268, 19.4916, 21.2264**.

A 20% lighter version of the original color is **54.0177, 38.5141, 31.7810**, and **18.2549, 9.3442, 3.8591** is the 20% darker color. If you saturate the color by 10%, you get **37.4769, 20.5177, 8.8443**, and if you desaturate by 10%, it is **42.2160, 27.0570, 19.4844**.

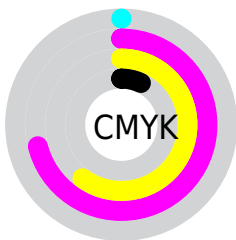
Distribution



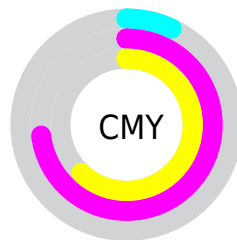
- Red (93%)
- Green (27%)
- Blue (38%)



- Red (93%)
- Yellow (27%)
- Blue (38%)



- Cyan (0%)
- Magenta (71%)
- Yellow (60%)
- Black (7%)





- Cyan (7%)
- Magenta (73%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4383, 23.1559, 13.4572 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 39.4383, 23.1559, 13.4572 by changing the saturation by 10% instead.


 39.4383, 23.1559,
13.4572


 39.4383, 23.1559,
13.4572


334.9255,
268.5247, 225.1372


 27.2831, 14.7087,
7.6097


 73.5972, 48.6492,
32.8259

 17.9237, 8.6152,
3.7621


 96.3316, 66.4640,
47.1842


 10.9945, 4.4910,
1.4957


 123.3232, 88.1702,
65.2165

 6.1304, 1.9519,
0.2148

 154.9373,
114.1521, 87.3414

 2.9660, 0.5793,
0.0000

 191.5392,
144.7941, 113.9773

 1.1358, 0.0000,
0.0000

233.4943,

 0.0547, 0.0000,

180.4806, 145.5429

0.0000

281.1680,
221.5960, 182.4567

■ 0.0000, 0.0000,
0.0000

■ 39.4383, 23.1559,
13.4572

■ 39.4383, 23.1559,
13.4572

■ 37.4769, 20.5177,
8.8443

■ 42.2160, 27.0570,
19.4844

■ 36.2368, 18.9799,
5.5255


■ 45.8875, 32.3493,
27.0298


■ 35.6290, 18.3248,
3.5949


■ 50.5227, 39.1500,
36.1886

■ 56.1841, 47.5624,
47.0478

■ 62.9288, 57.6811,
59.6880

 70.8099, 69.5930,
74.1849

 79.8767, 83.3793,
90.6094

 89.0697, 96.9170,
108.6201

Harmonies

Analogous

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



40.3228, 23.1559, 33.9938



39.4383, 23.1559, 13.4572



33.3071, 23.1559, 4.6250

Triad

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



39.4383, 23.1559, 13.4572



12.4611, 23.1559, 6.2971



19.3570, 23.1559, 95.5483

Complementary

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



39.4383, 23.1559, 13.4572



44.5933, 67.0318, 71.5679

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.



13.6072, 23.1559, 74.0070



39.4383, 23.1559, 13.4572



10.2993, 23.1559, 18.0914

Square

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



39.4383, 23.1559, 13.4572



17.3890, 23.1559, 2.5099



10.6621, 23.1559, 42.3626



27.3824, 23.1559, 91.4651

Rectangle

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



39.4383, 23.1559, 13.4572



27.7321, 23.1559, 2.5779



10.6621, 23.1559, 42.3626



17.1330, 23.1559, 90.7263

Sweetspot

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



39.4389, 23.1572, 13.4576



73.8979, 67.9099, 70.3604



43.9843, 23.9617, 83.1953



15.3185, 13.7851, 14.1328



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.



39.4389, 23.1572, 13.4576



43.0253, 22.9690, 8.2639



43.5959, 33.1794, 9.5773



15.8790, 15.8013, 16.9188



19.9088, 10.2359, 2.1702



1.6871, 0.8639, 0.3431

Inverse Universe

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



39.4389, 23.1572, 13.4576



43.0253, 22.9690, 8.2639



34.4097, 40.5873, 86.9090



15.8790, 15.8013, 16.9188



19.9088, 10.2359, 2.1702



1.6871, 0.8639, 0.3431

Previews

White Background



This preview shows how the XYZ color 39.4383, 23.1559, 13.4572 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 39.4383, 23.1559, 13.4572 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 39.4383, 23.1559, 13.4572

Background



This preview shows how black text looks on a background with the XYZ color 39.4383, 23.1559, 13.4572.



This preview shows how white text looks on a background with the XYZ color 39.4383, 23.1559,

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

39.4383, 23.1559, 13.4572

Protanopia

22.2695, 23.3016, 22.7260

Deuteranopia

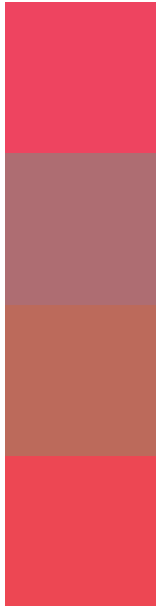
23.6489, 23.2543, 12.4746



Tritanopia

38.5124, 23.1473, 9.0946

Trichromacy



Original Color

39.4383, 23.1559, 13.4572

Protanomaly

25.9615, 21.1509, 18.6338

Deuteranomaly

27.7814, 21.7548, 12.6324

Tritanomaly

38.7396, 23.1355, 10.6074

Monochromacy



Original Color

39.4383, 23.1559, 13.4572

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

23.0418, 18.5875, 17.9961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4383, 23.1559, 13.4572 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(238, 68, 96)` looks like.

```
.text, #text, p{  
    color:rgb(238, 68, 96)  
}
```

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(238, 68, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 68, 96) }
```

Border

The CSS property to change the border of an element to XYZ 39.4383, 23.1559, 13.4572 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(238, 68, 96) }
```


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

```
.border{ border-color:rgb(238, 68, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 68, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 68, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 68, 96);  
box-shadow:4px 4px 4px 4px rgb(238, 68,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4383, 23.1559, 13.4572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 68, 96) }
```

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

```
.background{ background-color: rgb(238, 68,  
96) }
```

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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