

Converting Colors

XYZ(39.3854, 23.7855, 9.5366)

Have a look what the booklet for
XYZ(39.3854, 23.7855, 9.5366)
contains.

XYZ(39.3849, 23.7841, 9.5362)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.3849, 23.7841,
9.5362)**

Conversions

Conversions Part 1

Format	Color
Hex	EF4A4D
RGB	239, 74, 77
RGB Percent	94%, 29%, 30%
CMY	0.0627, 0.7098, 0.6980
CMYK	0.00, 0.69, 0.68, 0.06
HSL	359°, 84%, 61%
HSV	359°, 69%, 94%
XYZ	39.3849, 23.7841, 9.5362
YIQ	123.6770, 97.3770, 35.9130

Conversions

Conversions Part 2

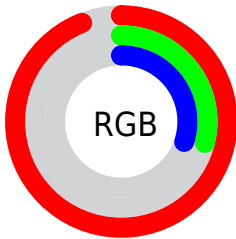
Format	Color
RYB	239, 74, 77
Decimal	15682125
CIELab	55.87, 62.98, 35.10
CIElCh	56, 72.095, 29.132
Yxy	23.7841, 0.5417, 0.3271
Android (android.graphics.Color)	4293872205 (0xFFEF4A4D)
YUV	123.6770, -23.0118, 101.1383
Hunter-Lab	48.7689, 58.8077, 22.5448

Details

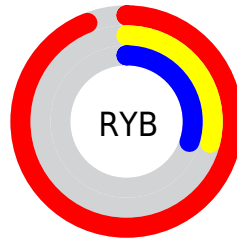
The XYZ color **39.3849, 23.7841, 9.5362** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **48.8329, 69.2455, 90.1561**, and the grayscale version is **19.1035, 20.0984, 21.8871**.

A 20% lighter version of the original color is **53.2572, 39.2689, 24.5114**, and **18.1652, 9.3344, 2.2108** is the 20% darker color. If you saturate the color by 10%, you get **37.3967, 20.9033, 5.4967**, and if you desaturate by 10%, it is **42.2787, 27.9985, 15.3516**.

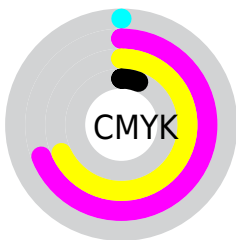
Distribution



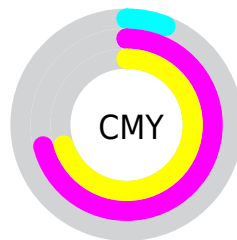
- Red (94%)
- Green (29%)
- Blue (30%)



- Red (94%)
- Yellow (29%)
- Blue (30%)



- Cyan (0%)
- Magenta (69%)
- Yellow (68%)
- Black (6%)





- Cyan (6%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3849, 23.7841, 9.5362 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 39.3849, 23.7841, 9.5362 by changing the saturation by 10% instead.


 39.3849, 23.7841,
9.5362


 39.3849, 23.7841,
9.5362


334.7032,
271.7271, 197.6921


 27.2414, 15.1735,
4.9910


 73.5163, 49.6777,
25.5134

 17.8921, 8.9413,
2.1833


 96.2348, 67.7294,
37.7825


 10.9718, 4.7029,
0.6647


 123.2090, 89.6971,
53.4634

 6.1150, 2.0740,
0.0000

 154.8043,
115.9650, 72.9744

 2.9565, 0.6500,
0.0000

 191.3860,
146.9176, 96.7343

 1.1308, 0.0000,
0.0000

233.3195,

 0.0506, 0.0000,

182.9392, 125.1615

0.0000

280.9701,
224.4142, 158.6746

■ 0.0000, 0.0000,
0.0000

■ 39.3849, 23.7841,
9.5362

■ 39.3849, 23.7841,
9.5362

■ 37.3967, 20.9033,
5.4967

■ 42.2787, 27.9985,
15.3516

■ 36.2056, 19.1929,
3.0291

■ 46.1667, 33.6769,
23.1142


■ 35.6576, 18.4152,
1.8647


■ 51.1288, 40.9386,
32.9764


■ 35.6200, 18.3601,
1.7908

■ 57.2364, 49.8897,
45.0753

■ 64.5547, 60.6269,
59.5363

 73.1442, 73.2400,
76.4755

 83.0611, 87.8123,
96.0015

 89.4063, 97.0906,
108.6359

Harmonies

Analogous

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



42.3442, 23.7841, 26.5878



39.3849, 23.7841, 9.5362



31.7091, 23.7841, 3.2489

Triad

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



39.3849, 23.7841, 9.5362



11.5848, 23.7841, 8.9396



22.3678, 23.7841, 102.4833

Complementary

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



39.3849, 23.7841, 9.5362



48.8329, 69.2455, 90.1561

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.



15.4368, 23.7841, 87.2961



39.3849, 23.7841, 9.5362



10.2124, 23.7841, 25.2180

Square

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



39.3849, 23.7841, 9.5362



15.7603, 23.7841, 3.0802



11.4323, 23.7841, 54.7226



31.1929, 23.7841, 88.8449

Rectangle

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



39.3849, 23.7841, 9.5362



25.7144, 23.7841, 2.0393



11.4323, 23.7841, 54.7226



19.7589, 23.7841, 100.4810

Sweetspot

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



39.3854, 23.7855, 9.5366



72.9422, 67.5276, 65.3281



51.7970, 28.5389, 84.4393



15.0965, 13.6963, 12.9633



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.



39.3854, 23.7855, 9.5366



42.6335, 23.2200, 4.9438



47.9003, 40.9802, 11.8659



15.7844, 15.7635, 16.4210



19.6897, 10.1483, 1.0166



1.6421, 0.8459, 0.1059

Inverse Universe

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



39.3854, 23.7855, 9.5366



42.6335, 23.2200, 4.9438



31.3260, 33.5306, 86.4817



15.7844, 15.7635, 16.4210



19.6897, 10.1483, 1.0166



1.6421, 0.8459, 0.1059

Previews

White Background



This preview shows how the XYZ color 39.3849, 23.7841, 9.5362 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 39.3849, 23.7841, 9.5362 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 39.3849, 23.7841, 9.5362

Background



This preview shows how black text looks on a background with the XYZ color 39.3849, 23.7841, 9.5362.



This preview shows how white text looks on a background with the XYZ color 39.3849, 23.7841,

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

39.3849, 23.7841, 9.5362

Protanopia

22.3269, 23.8996, 15.4929

Deuteranopia

24.2796, 23.8550, 8.7936



Tritanopia

39.4205, 23.7983, 9.7236

Trichromacy



Original Color

39.3849, 23.7841, 9.5362

Protanomaly

26.3163, 21.9448, 12.9740

Deuteranomaly

28.2381, 22.3865, 8.7940

Tritanomaly

39.4205, 23.7983, 9.7236

Monochromacy



Original Color

39.3849, 23.7841, 9.5362

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

23.5338, 19.4766, 16.4289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3849, 23.7841, 9.5362 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(239, 74, 77)` looks like.

```
.text, #text, p{  
    color:rgb(239, 74, 77)  
}
```

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(239, 74, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 74, 77) }
```

Border

The CSS property to change the border of an element to XYZ 39.3849, 23.7841, 9.5362 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(239, 74, 77) }
```


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

```
.border{ border-color:rgb(239, 74, 77) }
```

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

Here you see how a box with a 4 pixel rgb(239, 74, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 74, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 74, 77);  
box-shadow:4px 4px 4px 4px rgb(239, 74,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3849, 23.7841, 9.5362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 74, 77) }
```

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

```
.background{ background-color: rgb(239, 74,  
77) }
```

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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