

Converting Colors

XYZ(39.0367, 24.6524, 11.0886)

Have a look what the booklet for
XYZ(39.0367, 24.6524, 11.0886)
contains.

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Color

**XYZ(39.0315, 24.6429,
11.0869)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5454
RGB	235, 84, 84
RGB Percent	92%, 33%, 33%
CMY	0.0784, 0.6706, 0.6706
CMYK	0.00, 0.64, 0.64, 0.08
HSL	0°, 79%, 63%
HSV	0°, 64%, 92%
XYZ	39.0315, 24.6429, 11.0869
YIQ	129.1490, 89.9960, 32.0120

Conversions

Conversions Part 2

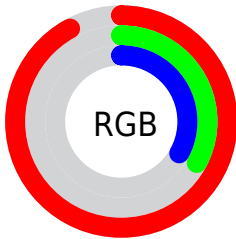
Format	Color
R_{YB}	235, 84, 84
Decimal	15422548
CIE Lab	56.73, 58.17, 32.00
CIE LCh	57, 66.391, 28.812
Yxy	24.6429, 0.5221, 0.3296
Android (android.graphics.Color)	4293612628 (0xFFEB5454)
YUV	129.1490, -22.2585, 92.8313
Hunter-Lab	49.6416, 53.4756, 21.5074

Details

The XYZ color **39.0315, 24.6429, 11.0869** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **48.3572, 67.2943, 89.0372**, and the grayscale version is **20.9731, 22.0653, 24.0292**.

A 20% lighter version of the original color is **54.9212, 41.7374, 27.7157**, and **17.5958, 9.3498, 2.7967** is the 20% darker color. If you saturate the color by 10%, you get **36.7324, 21.2791, 6.5160**, and if you desaturate by 10%, it is **42.2519, 29.3558, 17.4878**.

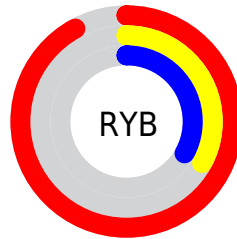
Distribution



Red (92%)

Green (33%)

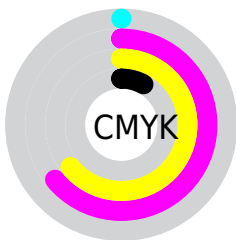
Blue (33%)



Red (92%)

Yellow (33%)

Blue (33%)

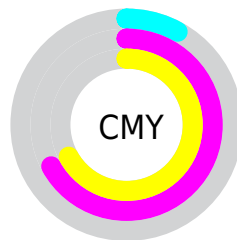


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (8%)



Cyan (8%)


Magenta (67%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0315, 24.6429, 11.0869 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 39.0315, 24.6429, 11.0869 by changing the saturation by 10% instead.


 39.0315, 24.6429,
11.0869


 39.0315, 24.6429,
11.0869


333.2293,
276.0549, 209.0216


 26.9651, 15.8112,
6.0104


 72.9802, 51.0773,
28.4599


 17.6834, 9.3907,
2.7825


 95.5932, 69.4488,
41.5934


 10.8213, 4.9969,
0.9847


 122.4524, 91.7690,
58.2497

 6.0132, 2.2454,
0.0000

 153.9232,
118.4224, 78.8473

 2.8938, 0.7446,
0.0000

 190.3709,
149.7932, 103.8047

 1.0979, 0.0000,
0.0000

232.1609,

 0.0233, 0.0000,

186.2660, 133.5406

0.0000

279.6586,
228.2251, 168.4733

■ 0.0000, 0.0000,
0.0000

■ 39.0315, 24.6429,
11.0869

■ 39.0315, 24.6429,
11.0869

■ 36.7324, 21.2791,
6.5160

■ 42.2519, 29.3558,
17.4878

■ 35.2566, 19.1195,
3.5826

■ 46.4747, 35.5352,
25.8825


■ 34.4872, 17.9936,
2.0534


■ 51.7745, 43.2902,
36.4180


■ 34.2609, 17.6624,
1.6034

■ 58.2179, 52.7188,
49.2272

■ 65.8663, 63.9107,
64.4321

 74.7769, 76.9494,
82.1461

 85.0030, 91.9130,
102.4754

 88.0707, 96.4021,
108.5734

Harmonies

Analogous

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



41.6740, 24.6429, 27.7252



39.0315, 24.6429, 11.0869



32.0050, 24.6429, 4.3926

Triad

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



39.0315, 24.6429, 11.0869



12.8585, 24.6429, 10.2594



23.1152, 24.6429, 95.9813

Complementary

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



39.0315, 24.6429, 11.0869



48.3572, 67.2943, 89.0372

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.



16.5301, 24.6429, 82.3019



39.0315, 24.6429, 11.0869



11.4717, 24.6429, 25.9581

Square

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



39.0315, 24.6429, 11.0869



16.9573, 24.6429, 4.1334



12.6528, 24.6429, 53.0600



31.3515, 24.6429, 84.1812

Rectangle

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



39.0315, 24.6429, 11.0869



26.4301, 24.6429, 2.9782



12.6528, 24.6429, 53.0600



20.6519, 24.6429, 94.1204

Sweetspot

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



39.0321, 24.6443, 11.0873



74.6522, 70.1523, 68.3496



52.4264, 30.0010, 81.6244



15.4242, 14.2041, 13.5274



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.



39.0321, 24.6443, 11.0873



43.5670, 24.6654, 6.5549



48.3453, 43.2708, 14.1917



15.0656, 15.0542, 15.6304



19.0679, 9.8300, 0.8924



1.4973, 0.7719, 0.0701

Inverse Universe

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



48.3572, 67.2943, 89.0372



55.5894, 79.6520, 107.0522



31.1359, 32.8516, 83.2967



15.5177, 17.1218, 19.4092



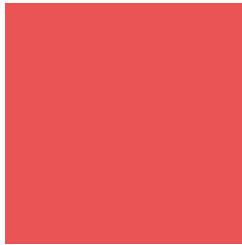
24.8776, 36.4021, 49.4581



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 39.0315, 24.6429, 11.0869 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 39.0315, 24.6429, 11.0869 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 39.0315, 24.6429, 11.0869

Background



This preview shows how black text looks on a background with the XYZ color 39.0315, 24.6429, 11.0869.



This preview shows how white text looks on a background with the XYZ color 39.0315, 24.6429,

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

39.0315, 24.6429, 11.0869

Protanopia

23.2080, 24.7392, 16.9166

Deuteranopia

25.2235, 24.7026, 10.2761



Tritanopia

39.1157, 24.5533, 11.9101

Trichromacy



Original Color

39.0315, 24.6429, 11.0869

Protanomaly

26.8791, 23.0506, 14.3418

Deuteranomaly

29.0546, 23.5812, 10.4174

Tritanomaly

39.0745, 24.5368, 11.6934

Monochromacy



Original Color

39.0315, 24.6429, 11.0869

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

25.0342, 21.3273, 18.4199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0315, 24.6429, 11.0869 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, 84, 84)` looks like.

```
.text, #text, p{  
  color:rgb(235, 84, 84)  
}
```

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, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 84, 84) }
```

Border

The CSS property to change the border of an element to XYZ 39.0315, 24.6429, 11.0869 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, 84, 84) }
```


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

```
.border{ border-color:rgb(235, 84, 84) }
```

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

Here you see how a box with a 4 pixel rgb(235, 84, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(235, 84,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0315, 24.6429, 11.0869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 84, 84) }
```

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

```
.background{ background-color: rgb(235, 84,  
84) }
```

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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