

Converting Colors

XYZ(39.2894, 24.5655, 12.4059)

Have a look what the booklet for
XYZ(39.2894, 24.5655, 12.4059)
contains.

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Color

**XYZ(39.1237, 24.4349,
12.3272)**

Conversions

Conversions Part 1

Format	Color
Hex	EB525A
RGB	235, 82, 90
RGB Percent	92%, 32%, 35%
CMY	0.0784, 0.6784, 0.6471
CMYK	0.00, 0.65, 0.62, 0.08
HSL	357°, 79%, 62%
HSV	357°, 65%, 92%
XYZ	39.1237, 24.4349, 12.3272
YIQ	128.6590, 88.6200, 34.9240

Conversions

Conversions Part 2

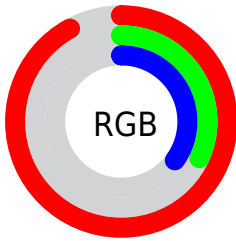
Format	Color
R_{YB}	235, 82, 90
Decimal	15422042
CIE _{Lab}	56.52, 59.35, 28.28
CIE _{LCh}	57, 65.744, 25.480
Yxy	24.4349, 0.5156, 0.3220
Android (android.graphics.Color)	4293612122 (0xFFEB525A)
YUV	128.6590, -19.0589, 93.2611
Hunter-Lab	49.4317, 54.7720, 19.8165

Details

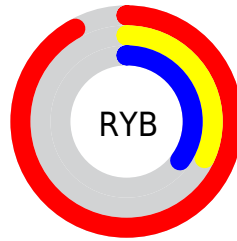
The XYZ color **39.1237, 24.4349, 12.3272** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **47.0550, 66.7572, 83.0844**, and the grayscale version is **20.7909, 21.8737, 23.8204**.

A 20% lighter version of the original color is **55.0621, 41.3304, 29.8864**, and **17.8197, 9.3290, 3.2444** is the 20% darker color. If you saturate the color by 10%, you get **36.8348, 21.1539, 7.5671**, and if you desaturate by 10%, it is **42.3043, 29.0453, 18.7857**.

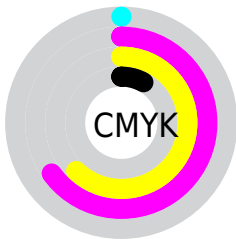
Distribution



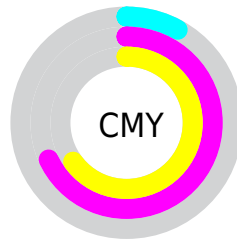
- Red (92%)
- Green (32%)
- Blue (35%)



- Red (92%)
- Yellow (32%)
- Blue (35%)



- Cyan (0%)
- Magenta (65%)
- Yellow (62%)
- Black (8%)





- Cyan (8%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1237, 24.4349, 12.3272 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 39.1237, 24.4349, 12.3272 by changing the saturation by 10% instead.

 39.1237, 24.4349,
12.3272


 39.1237, 24.4349,
12.3272


333.6142,
275.0119, 217.6138


 27.0371, 15.6565,
6.8417


 73.1201, 50.7390,
30.7629

 17.7378, 9.2814,
3.2863


 95.7607, 69.0335,
44.5502


 10.8605, 4.9252,
1.2426


 122.6499, 91.2688,
61.9418

 6.0397, 2.2034,
0.0141

 154.1532,
117.8294, 83.3563

 2.9101, 0.7219,
0.0000

 190.6360,
149.0996, 109.2122

 1.1064, 0.0000,
0.0000

232.4635,

 0.0305, 0.0000,

185.4638, 139.9280

0.0000

280.0011,
227.3064, 175.9224

■ 0.0000, 0.0000,
0.0000

■ 39.1237, 24.4349,
12.3272

■ 39.1237, 24.4349,
12.3272

■ 36.8348, 21.1539,
7.5671

■ 42.3043, 29.0453,
18.7857

■ 35.3446, 19.0577,
4.3445

■ 46.4535, 35.1016,
27.0812


■ 34.5429, 17.9759,
2.4694


■ 51.6421, 42.7123,
37.3394


■ 34.3288, 17.6893,
1.9618

■ 57.9338, 51.9747,
49.6745

■ 65.3869, 62.9778,
64.1921

 74.0560, 75.8044,
80.9906

 83.9920, 90.5319,
100.1622

 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.



41.1097, 24.4349, 30.0518



39.1237, 24.4349, 12.3272



32.5580, 24.4349, 4.8441

Triad

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



39.1237, 24.4349, 12.3272



13.1224, 24.4349, 9.2054



22.0888, 24.4349, 94.2031

Complementary

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



39.1237, 24.4349, 12.3272



47.0550, 66.7572, 83.0844

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.



15.8708, 24.4349, 78.3266



39.1237, 24.4349, 12.3272



11.4652, 24.4349, 23.4332

Square

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



39.1237, 24.4349, 12.3272



17.4738, 24.4349, 3.8574



12.3488, 24.4349, 49.0512



30.1162, 24.4349, 85.3187

Rectangle

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



39.1237, 24.4349, 12.3272



27.0958, 24.4349, 3.1492



12.3488, 24.4349, 49.0512



19.7410, 24.4349, 91.4202

Sweetspot

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



39.1243, 24.4363, 12.3276



74.0543, 68.9343, 68.2188



49.0024, 28.0096, 81.4206



15.3207, 13.9727, 13.5685



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.



39.1243, 24.4363, 12.3276



43.6569, 24.4972, 7.6577



46.4220, 39.5471, 13.1712



15.0974, 15.0668, 15.7980



19.1196, 9.8505, 1.1652



1.5126, 0.7780, 0.1508

Inverse Universe

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



39.1243, 24.4363, 12.3276



43.6569, 24.4972, 7.6577



32.6087, 36.0582, 83.8382



15.0974, 15.0668, 15.7980



19.1196, 9.8505, 1.1652



1.5126, 0.7780, 0.1508

Previews

White Background



This preview shows how the XYZ color 39.1237, 24.4349, 12.3272 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 39.1237, 24.4349, 12.3272 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 39.1237, 24.4349, 12.3272

Background



This preview shows how black text looks on a background with the XYZ color 39.1237, 24.4349, 12.3272.



This preview shows how white text looks on a background with the XYZ color 39.1237, 24.4349,

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

39.1237, 24.4349, 12.3272

Protanopia

23.2864, 24.7299, 19.1688

Deuteranopia

25.0227, 24.5738, 11.4070



Tritanopia

38.9985, 24.3849, 11.6681

Trichromacy



Original Color

39.1237, 24.4349, 12.3272

Protanomaly

26.9267, 22.8578, 16.3574

Deuteranomaly

28.7800, 23.4133, 11.5967

Tritanomaly

39.0397, 24.4013, 11.8848

Monochromacy



Original Color

39.1237, 24.4349, 12.3272

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

25.0371, 21.1510, 18.9826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1237, 24.4349, 12.3272 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, 82, 90)` looks like.

```
.text, #text, p{  
    color:rgb(235, 82, 90)  
}
```

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, 82, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 82, 90) }
```

Border

The CSS property to change the border of an element to XYZ 39.1237, 24.4349, 12.3272 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, 82, 90) }
```


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

```
.border{ border-color:rgb(235, 82, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 82, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 82, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 82, 90);  
box-shadow:4px 4px 4px 4px rgb(235, 82,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1237, 24.4349, 12.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 82, 90) }
```

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

```
.background{ background-color: rgb(235, 82,  
90) }
```

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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