

Converting Colors

XYZ(39.6032, 26.2034, 9.9916)

Have a look what the booklet for
XYZ(39.6032, 26.2034, 9.9916)
contains.

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Color

**XYZ(39.6032, 26.2034,
9.9916)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5E4D
RGB	235, 94, 77
RGB Percent	92%, 37%, 30%
CMY	0.0784, 0.6313, 0.6980
CMYK	0.00, 0.60, 0.67, 0.08
HSL	6°, 80%, 61%
HSV	6°, 67%, 92%
XYZ	39.6032, 26.2034, 9.9916
YIQ	134.2210, 89.4930, 24.6050

Conversions

Conversions Part 2

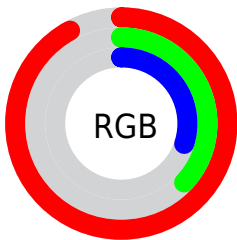
Format	Color
RYB	235, 96, 77
Decimal	15425101
CIELab	58.23, 53.50, 37.77
CIElCh	58, 65.487, 35.225
Yxy	26.2034, 0.5225, 0.3457
Android (android.graphics.Color)	4293615181 (0xFFEB5E4D)
YUV	134.2210, -28.2100, 88.3832
Hunter-Lab	51.1893, 48.5175, 24.2597

Details

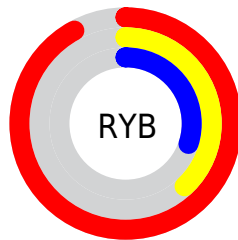
The XYZ color **39.6032, 26.2034, 9.9916** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **43.1251, 57.7142, 87.4638**, and the grayscale version is **22.8199, 24.0083, 26.1450**.

A 20% lighter version of the original color is **55.8182, 44.2872, 25.6850**, and **17.9048, 10.1367, 2.3794** is the 20% darker color. If you saturate the color by 10%, you get **37.3000, 22.6939, 5.8433**, and if you desaturate by 10%, it is **42.7137, 30.8486, 15.8872**.

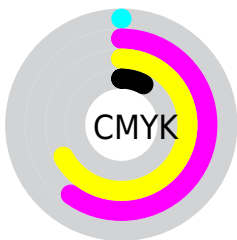
Distribution



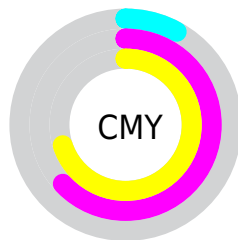
- Red (92%)
- Green (37%)
- Blue (30%)



- Red (92%)
- Yellow (38%)
- Blue (30%)



- Cyan (0%)
- Magenta (60%)
- Yellow (67%)
- Black (8%)





- Cyan (8%)
- Magenta (63%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6032, 26.2034, 9.9916 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 39.6032, 26.2034, 9.9916 by changing the saturation by 10% instead.


 39.6032, 26.2034,
9.9916


 39.6032, 26.2034,
9.9916

335.6114,
283.7791, 201.0947

 27.4121, 16.9759,
5.2879


 73.8471, 53.6029,
26.3873

 18.0212, 10.2173,
2.3555


 96.6306, 72.5437,
38.9163


 11.0650, 5.5433,
0.7620


 123.6757, 95.4909,
54.8908

 6.1782, 2.5694,
0.0000

 155.3476,
122.8291, 74.7293

 2.9954, 0.9113,
0.0000

 192.0118,
154.9427, 98.8505

 1.1513, 0.0000,
0.0000

234.0336,

 0.0674, 0.0000,

192.2159, 127.6727

0.0000

281.7784,
235.0333, 161.6146

■ 0.0000, 0.0000,
0.0000

■ 39.6032, 26.2034,
9.9916

■ 39.6032, 26.2034,
9.9916

■ 37.3000, 22.6939,
5.8433

■ 42.7137, 30.8486,
15.8872

■ 35.7261, 20.2179,
3.2478

■ 46.6959, 36.7114,
23.6939


■ 34.7889, 18.6614,
1.9551


■ 51.6099, 43.8711,
33.5580


■ 34.6147, 18.3701,
1.7214

■ 57.5100, 52.3993,
45.6114

■ 64.4459, 62.3621,
59.9746

 72.4644, 73.8214,
76.7597

 81.6091, 86.8355,
96.0712

 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.



43.4497, 26.2034, 24.7257



39.6032, 26.2034, 9.9916



31.8795, 26.2034, 4.3790

Triad

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



39.6032, 26.2034, 9.9916



13.4409, 26.2034, 13.8317



26.3243, 26.2034, 98.1458

Complementary

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



39.6032, 26.2034, 9.9916



43.1251, 57.7142, 87.4638

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.



19.0310, 26.2034, 89.6331



39.6032, 26.2034, 9.9916



12.5696, 26.2034, 32.7081

Square

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



39.6032, 26.2034, 9.9916



17.0853, 26.2034, 5.6246



14.3854, 26.2034, 61.9816



34.8084, 26.2034, 81.3473

Rectangle

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



39.6032, 26.2034, 9.9916



26.2004, 26.2034, 3.3584



14.3854, 26.2034, 61.9816



23.6541, 26.2034, 98.2140

Sweetspot

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



39.6038, 26.2049, 9.9920



75.0600, 71.4614, 66.9641



49.7271, 28.0949, 69.9576



15.5559, 14.5633, 13.2759



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.



39.6038, 26.2049, 9.9920



44.0161, 25.9436, 5.5329



50.3148, 47.6268, 13.5624



15.1960, 15.3149, 15.6739



19.3090, 10.3123, 0.9728



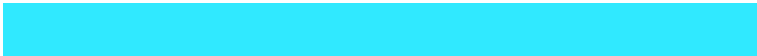
1.5598, 0.8970, 0.0909

Inverse Universe

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



43.1251, 57.7142, 87.4638



48.3628, 66.0046, 104.7989



27.4633, 26.3907, 82.2432



15.3711, 16.8287, 19.3604



21.1887, 29.0244, 48.2285



1.7035, 2.3585, 3.8003

Previews

White Background



This preview shows how the XYZ color 39.6032, 26.2034, 9.9916 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 39.6032, 26.2034, 9.9916 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 39.6032, 26.2034, 9.9916

Background



This preview shows how black text looks on a background with the XYZ color 39.6032, 26.2034, 9.9916.



This preview shows how white text looks on a background with the XYZ color 39.6032, 26.2034,

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

39.6032, 26.2034, 9.9916

Protanopia

24.3474, 26.2397, 14.3712

Deuteranopia

26.8329, 26.3641, 9.3048



Tritanopia

40.4908, 26.1781, 14.2280

Trichromacy



Original Color

39.6032, 26.2034, 9.9916

Protanomaly

28.1358, 24.8156, 12.5395

Deuteranomaly

30.5315, 25.3973, 9.4239

Tritanomaly

40.2647, 26.2253, 12.6127

Monochromacy



Original Color

39.6032, 26.2034, 9.9916

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.3720, 23.0438, 18.6807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6032, 26.2034, 9.9916 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, 94, 77)` looks like.

```
.text, #text, p{  
    color:rgb(235, 94, 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(235, 94, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 94, 77) }
```

Border

The CSS property to change the border of an element to XYZ 39.6032, 26.2034, 9.9916 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, 94, 77) }
```


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

```
.border{ border-color:rgb(235, 94, 77) }
```

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

Here you see how a box with a 4 pixel rgb(235, 94, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 94, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 94, 77);  
box-shadow:4px 4px 4px 4px rgb(235, 94,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6032, 26.2034, 9.9916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 94, 77) }
```

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

```
.background{ background-color: rgb(235, 94,  
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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