

Converting Colors

XYZ(39.2541, 26.4231, 10.2390)

Have a look what the booklet for
XYZ(39.2541, 26.4231, 10.2390)
contains.

XYZ(39.2541, 26.4231, 10.2390)	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(39.2541, 26.4231,
10.2390)**

Conversions

Conversions Part 1

Format	Color
Hex	E9614E
RGB	233, 97, 78
RGB Percent	91%, 38%, 31%
CMY	0.0863, 0.6196, 0.6941
CMYK	0.00, 0.58, 0.67, 0.09
HSL	7°, 78%, 61%
HSV	7°, 67%, 91%
XYZ	39.2541, 26.4231, 10.2390
YIQ	135.4980, 87.1550, 22.9230

Conversions

Conversions Part 2

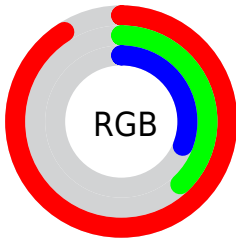
Format	Color
R_{YB}	233, 100, 78
Decimal	15294798
CIE _{Lab}	58.44, 51.50, 37.39
CIE _{LCh}	58, 63.645, 35.979
Yxy	26.4231, 0.5171, 0.3481
Android (android.graphics.Color)	4293484878 (0xFFE9614E)
YUV	135.4980, -28.3465, 85.5093
Hunter-Lab	51.4034, 46.3552, 24.1725

Details

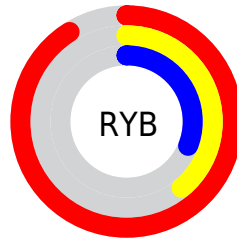
The XYZ color **39.2541, 26.4231, 10.2390** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **41.8943, 55.5919, 85.6125**, and the grayscale version is **23.2949, 24.5080, 26.6892**.

A 20% lighter version of the original color is **56.3645, 45.2750, 26.1903**, and **17.8482, 10.3481, 2.4232** is the 20% darker color. If you saturate the color by 10%, you get **36.9101, 22.8437, 6.0409**, and if you desaturate by 10%, it is **42.3818, 31.0970, 16.1580**.

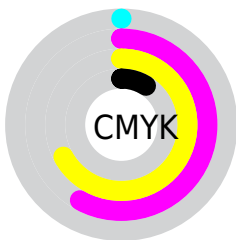
Distribution



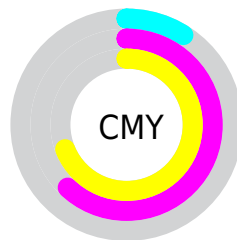
- Red (91%)
- Green (38%)
- Blue (31%)



- Red (91%)
- Yellow (39%)
- Blue (31%)



- Cyan (0%)
- Magenta (58%)
- Yellow (67%)
- Black (9%)





- Cyan (9%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2541, 26.4231, 10.2390 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 39.2541, 26.4231, 10.2390 by changing the saturation by 10% instead.


 39.2541, 26.4231,
10.2390


 39.2541, 26.4231,
10.2390


334.1582,
284.8529, 202.9158


 27.1391, 17.1404,
5.4500

 73.3179, 53.9567,
26.8589

 17.8148, 10.3347,
2.4503


 95.9974, 72.9765,
39.5269


 10.9160, 5.6214,
0.8137


 122.9291, 96.0107,
55.6583

 6.0773, 2.6163,
0.0000

 154.4784,
123.4438, 75.6717

 2.9332, 0.9349,
0.0000

 191.0106,
155.6602, 99.9856

 1.1185, 0.0000,
0.0000

232.8911,

 0.0405, 0.0000,

193.0442, 129.0186

0.0000

280.4851,
235.9803, 163.1892

■ 0.0000, 0.0000,
0.0000

■ 39.2541, 26.4231,
10.2390

■ 39.2541, 26.4231,
10.2390

■ 36.9101, 22.8437,
6.0409

■ 42.3818, 31.0970,
16.1580

■ 35.2768, 20.2649,
3.3764

■ 46.3535, 36.9405,
23.9558


■ 34.2697, 18.5838,
2.0135


■ 51.2258, 44.0272,
33.7741


■ 34.0330, 18.1815,
1.7156

■ 57.0498, 52.4232,
45.7404

■ 63.8725, 62.1901,
59.9718

 71.7381, 73.3855,
76.5768

 80.6879, 86.0637,
95.6572

 87.4140, 96.0635,
108.5426

Harmonies

Analogous

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



43.1039, 26.4231, 24.5384



39.2541, 26.4231, 10.2390



31.7028, 26.4231, 4.7097

Triad

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



39.2541, 26.4231, 10.2390



13.7873, 26.4231, 14.6270



26.7034, 26.4231, 95.7881

Complementary

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



39.2541, 26.4231, 10.2390



41.8943, 55.5919, 85.6125

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.



19.5085, 26.4231, 88.2486



39.2541, 26.4231, 10.2390



12.9899, 26.4231, 33.4627

Square

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



39.2541, 26.4231, 10.2390



17.3176, 26.4231, 6.1737



14.8575, 26.4231, 61.9535



34.9575, 26.4231, 79.1676

Rectangle

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



39.2541, 26.4231, 10.2390



26.1771, 26.4231, 3.7120



14.8575, 26.4231, 61.9535



24.0808, 26.4231, 96.0724

Sweetspot

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



39.2547, 26.4246, 10.2394



75.2485, 71.8384, 67.0269



48.5835, 27.6744, 67.0146



15.6001, 14.6517, 13.2907



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.



39.2547, 26.4246, 10.2394



44.4231, 26.6702, 5.9385



50.0349, 47.9849, 13.8328



15.2143, 15.3516, 15.6800



19.3586, 10.4114, 0.9893



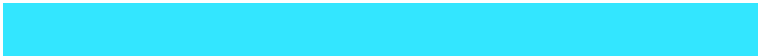
1.5686, 0.9144, 0.0938

Inverse Universe

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



41.8943, 55.5919, 85.6125



47.7074, 64.5082, 104.5446



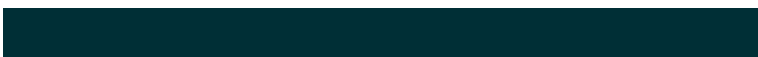
26.8549, 25.5130, 80.5994



15.3509, 16.7882, 19.3536



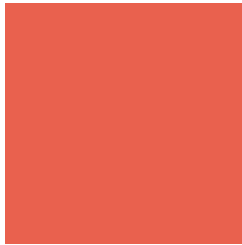
20.7176, 28.0822, 48.0714



1.6712, 2.2938, 3.7895

Previews

White Background



This preview shows how the XYZ color 39.2541, 26.4231, 10.2390 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 39.2541, 26.4231, 10.2390 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 39.2541, 26.4231, 10.2390

Background



This preview shows how black text looks on a background with the XYZ color 39.2541, 26.4231, 10.2390.



This preview shows how white text looks on a background with the XYZ color 39.2541, 26.4231,

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

39.2541, 26.4231, 10.2390

Protanopia

24.6821, 26.6302, 14.4289

Deuteranopia

26.8960, 26.3894, 9.6373



Tritanopia

40.2346, 26.4179, 15.0352

Trichromacy



Original Color

39.2541, 26.4231, 10.2390

Protanomaly

28.3865, 25.3169, 12.6230

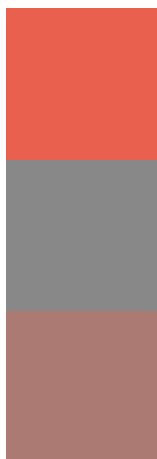
Deuteranomaly

30.5791, 25.7713, 9.8412

Tritanomaly

39.9557, 26.4495, 13.1246

Monochromacy



Original Color

39.2541, 26.4231, 10.2390

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.8486, 23.8148, 19.4013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2541, 26.4231, 10.2390 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(233, 97, 78)` looks like.

```
.text, #text, p{  
  color:rgb(233, 97, 78)  
}
```

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(233, 97, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 97, 78) }
```

Border

The CSS property to change the border of an element to XYZ 39.2541, 26.4231, 10.2390 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(233, 97, 78) }
```


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

```
.border{ border-color:rgb(233, 97, 78) }
```

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

Here you see how a box with a 4 pixel rgb(233, 97, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 97, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 97, 78);  
box-shadow:4px 4px 4px 4px rgb(233, 97,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2541, 26.4231, 10.2390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 97, 78) }
```

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

```
.background{ background-color: rgb(233, 97,  
78) }
```

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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