

Converting Colors

XYZ(40.4531, 26.7687, 10.2944)

Have a look what the booklet for
XYZ(40.4531, 26.7687, 10.2944)
contains.

XYZ(40.3924, 26.7390, 10.2400)	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(40.3924, 26.7390,
10.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5F4E
RGB	237, 95, 78
RGB Percent	93%, 37%, 31%
CMY	0.0706, 0.6274, 0.6941
CMYK	0.00, 0.60, 0.67, 0.07
HSL	6°, 82%, 62%
HSV	6°, 67%, 93%
XYZ	40.3924, 26.7390, 10.2400
YIQ	135.5200, 90.0890, 24.8170

Conversions

Conversions Part 2

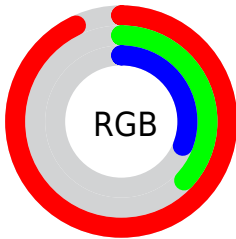
Format	Color
R_{YB}	237, 97, 78
Decimal	15556430
CIE _{Lab}	58.73, 53.80, 37.90
CIE _{LCh}	59, 65.803, 35.163
Yxy	26.7390, 0.5221, 0.3456
Android (android.graphics.Color)	4293746510 (0xFFED5F4E)
YUV	135.5200, -28.3574, 88.9980
Hunter-Lab	51.7098, 48.9408, 24.4557

Details

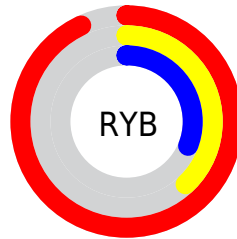
The XYZ color **40.3924, 26.7390, 10.2400** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **44.0189, 58.9161, 89.1721**, and the grayscale version is **23.3024, 24.5160, 26.6979**.

A 20% lighter version of the original color is **56.0426, 44.6312, 26.0830**, and **18.3778, 10.4261, 2.4103** is the 20% darker color. If you saturate the color by 10%, you get **38.0362, 23.1504, 5.9910**, and if you desaturate by 10%, it is **43.5737, 31.4887, 16.2741**.

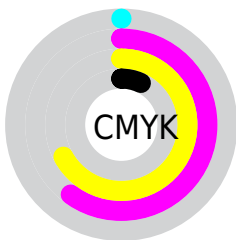
Distribution



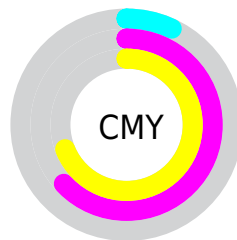
- Red (93%)
- Green (37%)
- Blue (31%)



- Red (93%)
- Yellow (38%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (67%)
- Black (7%)





- Cyan (7%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3924, 26.7390, 10.2400 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 40.3924, 26.7390, 10.2400 by changing the saturation by 10% instead.


 40.3924, 26.7390,
10.2400


 40.3924, 26.7390,
10.2400


338.8808,
286.3912, 202.9232


 28.0302, 17.3773,
5.4507


 75.0412, 54.4648,
26.8608


 18.4890, 10.5039,
2.4507


 98.0586, 73.5976,
39.5294

 11.4034, 5.7343,
0.8139


 125.3583, 96.7563,
55.6614

 6.4082, 2.6842,
0.0000

 157.3058,
124.3252, 75.6755

 3.1378, 0.9692,
0.0000

 194.2665,
156.6888, 99.9902

 1.2271, 0.0000,
0.0000

236.6057,

 0.1276, 0.0000,

194.2314, 129.0240

0.0000

284.6886,
237.3374, 163.1955

■ 0.0000, 0.0000,
0.0000

■ 40.3924, 26.7390,
10.2400

■ 40.3924, 26.7390,
10.2400

■ 38.0362, 23.1504,
5.9910

■ 43.5737, 31.4887,
16.2741

■ 36.4255, 20.6183,
3.3288

■ 47.6460, 37.4831,
24.2604


■ 35.4662, 19.0266,
2.0014


■ 52.6706, 44.8033,
34.3479


■ 35.2800, 18.7148,
1.7529

■ 58.7027, 53.5225,
46.6712

■ 65.7935, 63.7082,
61.3532

 73.9904, 75.4237,
78.5082

 83.3381, 88.7285,
98.2429

 88.7348, 96.7444,
108.6045

Harmonies

Analogous

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



44.2966, 26.7390, 25.2816



40.3924, 26.7390, 10.2400



32.5341, 26.7390, 4.4967

Triad

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



40.3924, 26.7390, 10.2400



13.7384, 26.7390, 14.1098



26.8422, 26.7390, 99.9666

Complementary

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



40.3924, 26.7390, 10.2400



44.0189, 58.9161, 89.1721

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.



19.4178, 26.7390, 91.2547



40.3924, 26.7390, 10.2400



12.8445, 26.7390, 33.3159

Square

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



40.3924, 26.7390, 10.2400



17.4586, 26.7390, 5.7541



14.6897, 26.7390, 63.0998



35.4812, 26.7390, 82.9243

Rectangle

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



40.3924, 26.7390, 10.2400



26.7506, 26.7390, 3.4487



14.6897, 26.7390, 63.0998



24.1239, 26.7390, 100.0171

Sweetspot

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



40.3930, 26.7405, 10.2404



75.0514, 71.4443, 66.9612



50.7137, 28.6791, 71.3388



15.5539, 14.5593, 13.2753



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.



40.3930, 26.7405, 10.2404



44.0072, 25.9259, 5.5300



51.3204, 48.5953, 13.8829



15.1951, 15.3133, 15.6736



19.3069, 10.3080, 0.9721



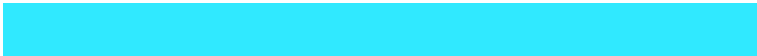
1.5595, 0.8962, 0.0908

Inverse Universe

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



44.0189, 58.9161, 89.1721



48.4025, 66.0839, 104.8121



28.0416, 26.9615, 83.8464



15.3720, 16.8305, 19.3607



21.2103, 29.0675, 48.2357



1.7050, 2.3615, 3.8008

Previews

White Background



This preview shows how the XYZ color 40.3924, 26.7390, 10.2400 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 40.3924, 26.7390, 10.2400 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

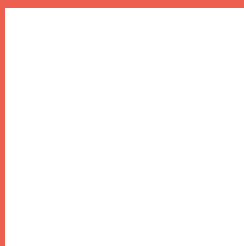
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3924, 26.7390, 10.2400

Background



This preview shows how black text looks on a background with the XYZ color 40.3924, 26.7390, 10.2400.



This preview shows how white text looks on a background with the XYZ color 40.3924, 26.7390,

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

40.3924, 26.7390, 10.2400

Protanopia

25.0650, 27.0423, 14.7251

Deuteranopia

27.2250, 26.7688, 9.5263



Tritanopia

41.2916, 26.7133, 14.5351

Trichromacy



Original Color

40.3924, 26.7390, 10.2400

Protanomaly

28.9040, 25.5788, 12.8650

Deuteranomaly

30.9450, 25.7843, 9.6492

Tritanomaly

41.0626, 26.7612, 12.8987

Monochromacy



Original Color

40.3924, 26.7390, 10.2400

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

27.1655, 23.7968, 19.3811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3924, 26.7390, 10.2400 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(237, 95, 78)` looks like.

```
.text, #text, p{  
    color:rgb(237, 95, 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(237, 95, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 95, 78) }
```

Border

The CSS property to change the border of an element to XYZ 40.3924, 26.7390, 10.2400 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(237, 95, 78) }
```


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

```
.border{ border-color:rgb(237, 95, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 95, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 95, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 95, 78);  
box-shadow:4px 4px 4px 4px rgb(237, 95,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3924, 26.7390, 10.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 95, 78) }
```

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

```
.background{ background-color: rgb(237, 95,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor