

Converting Colors

XYZ(40.0338, 24.7171, 5.9097)

Have a look what the booklet for
XYZ(40.0338, 24.7171, 5.9097)
contains.

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Color

**XYZ(40.0338, 24.7171,
5.9097)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F24F34 |
| RGB | 242, 79, 52 |
| RGB Percent | 95%, 31%, 20% |
| CMY | 0.0510, 0.6902, 0.7961 |
| CMYK | 0.00, 0.67, 0.79, 0.05 |
| HSL | 9°, 88%, 58% |
| HSV | 9°, 79%, 95% |
| XYZ | 40.0338, 24.7171, 5.9097 |
| YIQ | 124.6590, 105.8150, 26.1590 |

Conversions

Conversions Part 2

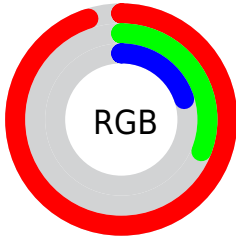
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 242, 83, 52 |
| Decimal | 15879988 |
| CIE _{Lab} | 56.80, 61.01, 49.79 |
| CIE _{LCh} | 57, 78.751, 39.217 |
| Yxy | 24.7171, 0.5666, 0.3498 |
| Android (android.graphics.Color) | 4294070068 (0xFFFF24F34) |
| YUV | 124.6590, -35.8209, 102.9081 |
| Hunter-Lab | 49.7163, 56.7327, 27.7537 |

Details

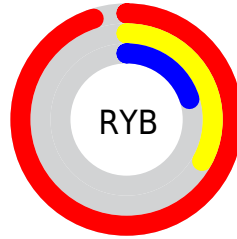
The XYZ color **40.0338, 24.7171, 5.9097** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **41.7412, 55.7368, 92.5622**, and the grayscale version is **19.4712, 20.4853, 22.3084**.

A 20% lighter version of the original color is **52.3931, 39.8079, 17.2342**, and **18.3874, 9.4933, 0.9494** is the 20% darker color. If you saturate the color by 10%, you get **38.3507, 22.0115, 3.3135**, and if you desaturate by 10%, it is **42.4644, 28.4721, 10.1318**.

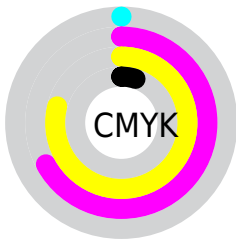
Distribution



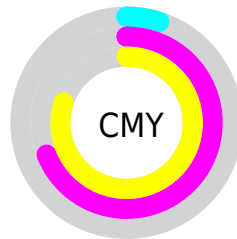
- Red (95%)
- Green (31%)
- Blue (20%)



- Red (95%)
- Yellow (33%)
- Blue (20%)



- Cyan (0%)
- Magenta (67%)
- Yellow (79%)
- Black (5%)





- Cyan (5%)
- Magenta (69%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0338, 24.7171, 5.9097 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 40.0338, 24.7171, 5.9097 by changing the saturation by 10% instead.

 40.0338, 24.7171,
5.9097


 40.0338, 24.7171,
5.9097


337.3980,
276.4261, 167.5405


 27.7492, 15.8664,
2.7223


 74.4990, 51.1979,
18.2176


 18.2762, 9.4297,
0.9546


 97.4103, 69.5968,
28.1752


 11.2494, 5.0225,
0.0000


 124.5946, 91.9472,
41.2267

 6.3033, 2.2605,
0.0000

 156.4172,
118.6336, 57.7905

 3.0728, 0.7527,
0.0000

 193.2435,
150.0403, 78.2853

 1.1924, 0.0000,
0.0000

 235.4388,

 0.1003, 0.0000,

186.5517, 103.1295

0.0000

283.3685,
228.5521, 132.7418

■ 0.0000, 0.0000,
0.0000

■ 40.0338, 24.7171,
5.9097

■ 40.0338, 24.7171,
5.9097

■ 38.3507, 22.0115,
3.3135

■ 42.4644, 28.4721,
10.1318

■ 37.3144, 20.2389,
2.0432


■ 45.7179, 33.3658,
16.1893


■ 37.2013, 20.0443,
1.9082


■ 49.8617, 39.4830,
24.2617


■ 54.9558, 46.8989,
34.5065

■ 61.0549, 55.6827,
47.0656

 68.2095, 65.8988,
62.0689

 76.4666, 77.6074,
79.6365

 85.8704, 90.8651,
99.8808

 90.4278, 97.6171,
108.6837

Harmonies

Analogous

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



45.6347, 24.7171, 19.5866



40.0338, 24.7171, 5.9097



30.3444, 24.7171, 1.9014

Triad

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



40.0338, 24.7171, 5.9097



10.5326, 24.7171, 12.6431



26.4416, 24.7171, 114.2759

Complementary

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



40.0338, 24.7171, 5.9097



41.7412, 55.7368, 92.5622

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.



17.7591, 24.7171, 107.4873



40.0338, 24.7171, 5.9097



10.0014, 24.7171, 35.8699

Square

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



40.0338, 24.7171, 5.9097



13.9901, 24.7171, 3.6526



12.2810, 24.7171, 73.3269



36.5447, 24.7171, 88.3278

Rectangle

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



40.0338, 24.7171, 5.9097



23.7353, 24.7171, 1.3926



12.2810, 24.7171, 73.3269



23.2521, 24.7171, 115.9872

Sweetspot

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



40.0343, 24.7186, 5.9101



72.1932, 67.6221, 60.1686



50.3268, 26.3257, 67.8472



14.8579, 13.6235, 11.6369



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.



40.0343, 24.7186, 5.9101



42.4424, 23.5234, 2.7667



52.0537, 48.7572, 9.9165



15.9540, 16.1212, 16.4206



20.0431, 10.8842, 1.0445



1.7230, 1.0168, 0.1054

Inverse Universe

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



41.7412, 55.7368, 92.5622



44.0887, 58.9977, 103.6717



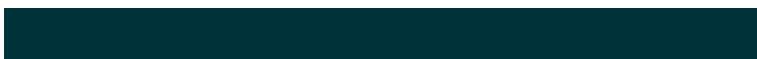
24.3619, 20.9784, 86.7692



16.0447, 17.5235, 20.2583



20.7517, 27.7276, 49.3861



1.7783, 2.4107, 4.1258

Previews

White Background



This preview shows how the XYZ color 40.0338, 24.7171, 5.9097 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



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 40.0338, 24.7171, 5.9097

Background



This preview shows how black text looks on a background with the XYZ color 40.0338, 24.7171, 5.9097.



This preview shows how white text looks on a background with the XYZ color 40.0338, 24.7171,

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

40.0338, 24.7171, 5.9097

Protanopia

22.7823, 24.9003, 9.2357

Deuteranopia

25.3621, 24.8824, 5.3855



Tritanopia

40.9579, 24.7881, 10.0230

Trichromacy



Original Color

40.0338, 24.7171, 5.9097

Protanomaly

26.9098, 23.0400, 7.7315

Deuteranomaly

29.1650, 23.4210, 5.3664

Tritanomaly

40.6902, 24.7921, 8.2710

Monochromacy



Original Color

40.0338, 24.7171, 5.9097

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.7156, 19.9318, 14.1525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0338, 24.7171, 5.9097 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(242, 79, 52)` looks like.

```
.text, #text, p{  
    color:rgb(242, 79, 52)  
}
```

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(242, 79, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 79, 52) }
```

Border

The CSS property to change the border of an element to XYZ 40.0338, 24.7171, 5.9097 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(242, 79, 52) }
```


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

```
.border{ border-color:rgb(242, 79, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 79, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 79, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 79, 52);  
box-shadow:4px 4px 4px 4px rgb(242, 79,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0338, 24.7171, 5.9097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 79, 52) }
```

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

```
.background{ background-color: rgb(242, 79,  
52) }
```

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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