

Converting Colors

XYZ(40.4209, 24.3108, 9.0048)

Have a look what the booklet for
XYZ(40.4209, 24.3108, 9.0048)
contains.

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Color

**XYZ(40.3028, 24.2692,
9.0388)**

Conversions

Conversions Part 1

Format	Color
Hex	F24A4A
RGB	242, 74, 74
RGB Percent	95%, 29%, 29%
CMY	0.0510, 0.7098, 0.7098
CMYK	0.00, 0.69, 0.69, 0.05
HSL	0°, 87%, 62%
HSV	0°, 69%, 95%
XYZ	40.3028, 24.2692, 9.0388
YIQ	124.2320, 100.1280, 35.6160

Conversions

Conversions Part 2

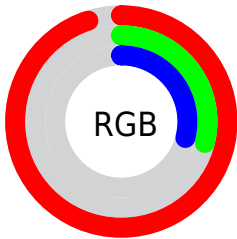
Format	Color
RYB	242, 74, 74
Decimal	15878730
CIELab	56.36, 63.76, 37.51
CIElCh	56, 73.970, 30.467
Yxy	24.2692, 0.5475, 0.3297
Android (android.graphics.Color)	4294068810 (0xFFFF24A4A)
YUV	124.2320, -24.7644, 103.2825
Hunter-Lab	49.2638, 59.8196, 23.6063

Details

The XYZ color **40.3028, 24.2692, 9.0388** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **50.5999, 71.3645, 95.1118**, and the grayscale version is **19.2936, 20.2984, 22.1049**.

A 20% lighter version of the original color is **53.0664, 39.1926, 23.5069**, and **18.5944, 9.5587, 2.0933** is the 20% darker color. If you saturate the color by 10%, you get **38.3218, 21.3709, 5.1004**, and if you desaturate by 10%, it is **43.2192, 28.5374, 14.8354**.

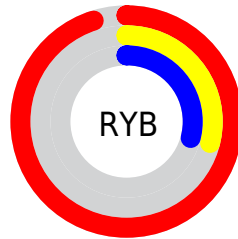
Distribution



Red (95%)

Green (29%)

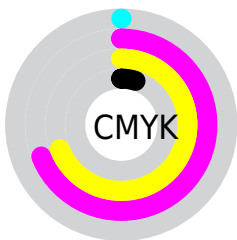
Blue (29%)



Red (95%)

Yellow (29%)

Blue (29%)

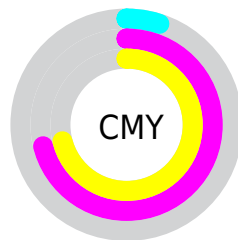


Cyan (0%)

Magenta (69%)

Yellow (69%)

Black (5%)



Cyan (5%)


Magenta (71%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3028, 24.2692, 9.0388 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 40.3028, 24.2692, 9.0388 by changing the saturation by 10% instead.


 40.3028, 24.2692,
9.0388


 40.3028, 24.2692,
9.0388


338.5108,
274.1787, 193.8958


 27.9600, 15.5334,
4.6693


 74.9058, 50.4691,
24.5501

 18.4358, 9.1946,
1.9993


 97.8967, 68.7021,
36.5289


 11.3649, 4.8683,
0.5548


 125.1676, 90.8696,
51.8814

 6.3819, 2.1702,
0.0000

 157.0840,
117.3560, 71.0259

 3.1215, 0.7037,
0.0000

 194.0111,
148.5457, 94.3811

 1.2184, 0.0000,
0.0000

236.3144,

 0.1208, 0.0000,

184.8231, 122.3654

0.0000

284.3592,
226.5726, 155.3975

■ 0.0000, 0.0000,
0.0000

■ 40.3028, 24.2692,
9.0388

■ 40.3028, 24.2692,
9.0388

■ 38.3218, 21.3709,
5.1004

■ 43.2192, 28.5374,
14.8354

■ 37.1607, 19.6718,
2.7925

■ 47.1653, 34.3117,
22.6797


■ 36.6408, 18.9110,
1.7592


■ 52.2256, 41.7165,
32.7392


■ 36.6179, 18.8775,
1.7137

■ 58.4756, 50.8620,
45.1638

■ 65.9840, 61.8491,
60.0904

 74.8146, 74.7706,
77.6453

 85.0265, 89.7135,
97.9465

 90.4278, 97.6172,
108.6837

Harmonies

Analogous

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



43.6797, 24.2692, 26.0439



40.3028, 24.2692, 9.0388



32.1402, 24.2692, 2.9979

Triad

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



40.3028, 24.2692, 9.0388



11.5310, 24.2692, 9.3672



23.2011, 24.2692, 106.8063

Complementary

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



40.3028, 24.2692, 9.0388



50.5999, 71.3645, 95.1118

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.



15.8858, 24.2692, 92.0505



40.3028, 24.2692, 9.0388



10.2396, 24.2692, 26.8099

Square

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



40.3028, 24.2692, 9.0388



15.7058, 24.2692, 3.0886



11.6154, 24.2692, 58.1421



32.4300, 24.2692, 91.1731

Rectangle

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



40.3028, 24.2692, 9.0388



25.8936, 24.2692, 1.8921



11.6154, 24.2692, 58.1421



20.4543, 24.2692, 105.1715

Sweetspot

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



40.3034, 24.2706, 9.0392



72.8281, 67.4832, 64.7234



55.0935, 30.1856, 86.9267



15.0701, 13.6860, 12.8234



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.



40.3034, 24.2706, 9.0392



42.5596, 23.1913, 4.5525



50.0807, 43.8253, 12.2983



15.7729, 15.7590, 16.3602



19.6716, 10.1413, 0.9207



1.6365, 0.8437, 0.0766

Inverse Universe

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



50.5999, 71.3645, 95.1118



54.8168, 79.2529, 107.0159



31.0779, 32.3204, 88.6045



16.2474, 17.9288, 20.3259



25.6650, 37.5543, 51.0239



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 40.3028, 24.2692, 9.0388 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 40.3028, 24.2692, 9.0388 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 40.3028, 24.2692, 9.0388

Background



This preview shows how black text looks on a background with the XYZ color 40.3028, 24.2692, 9.0388.



This preview shows how white text looks on a background with the XYZ color 40.3028, 24.2692,

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

40.3028, 24.2692, 9.0388

Protanopia

22.6294, 24.2835, 14.5608

Deuteranopia

24.7120, 24.2862, 8.2357



Tritanopia

40.4063, 24.3106, 9.5840

Trichromacy



Original Color

40.3028, 24.2692, 9.0388

Protanomaly

26.7226, 22.3386, 12.1359

Deuteranomaly

28.7602, 22.8240, 8.3585

Tritanomaly

40.3712, 24.2966, 9.3994

Monochromacy



Original Color

40.3028, 24.2692, 9.0388

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

23.6919, 19.5642, 16.1632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3028, 24.2692, 9.0388 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, 74, 74)` looks like.

```
.text, #text, p{  
    color:rgb(242, 74, 74)  
}
```

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, 74, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 74, 74) }
```

Border

The CSS property to change the border of an element to XYZ 40.3028, 24.2692, 9.0388 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, 74, 74) }
```


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

```
.border{ border-color:rgb(242, 74, 74) }
```

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

Here you see how a box with a 4 pixel rgb(242, 74, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 74, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 74, 74);  
box-shadow:4px 4px 4px 4px rgb(242, 74,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3028, 24.2692, 9.0388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 74, 74) }
```

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

```
.background{ background-color: rgb(242, 74,  
74) }
```

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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