

Converting Colors

XYZ(40.8956, 24.3758, 9.2062)

Have a look what the booklet for
XYZ(40.8956, 24.3758, 9.2062)
contains.

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Color

**XYZ(40.8956, 24.3758,
9.2062)**

Conversions

Conversions Part 1

Format	Color
Hex	F4484B
RGB	244, 72, 75
RGB Percent	96%, 28%, 29%
CMY	0.0431, 0.7176, 0.7059
CMYK	0.00, 0.70, 0.69, 0.04
HSL	359°, 89%, 62%
HSV	359°, 70%, 96%
XYZ	40.8956, 24.3758, 9.2062
YIQ	123.7700, 101.5490, 37.3970

Conversions

Conversions Part 2

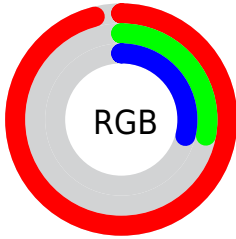
Format	Color
RYB	244, 72, 75
Decimal	16009291
CIELab	56.46, 65.13, 37.15
CIElCh	56, 74.985, 29.701
Yxy	24.3758, 0.5491, 0.3273
Android (android.graphics.Color)	4294199371 (0xFFFF4484B)
YUV	123.7700, -24.0436, 105.4417
Hunter-Lab	49.3719, 61.4540, 23.5047

Details

The XYZ color **40.8956, 24.3758, 9.2062** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **50.9026, 72.4306, 94.5247**, and the grayscale version is **19.1369, 20.1335, 21.9254**.

A 20% lighter version of the original color is **52.9944, 38.9478, 23.7934**, and **19.0697, 9.8022, 2.1833** is the 20% darker color. If you saturate the color by 10%, you get **38.9472, 21.5545, 5.2425**, and if you desaturate by 10%, it is **43.7796, 28.5744, 15.0065**.

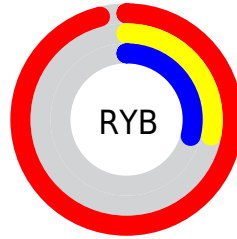
Distribution



Red (96%)

Green (28%)

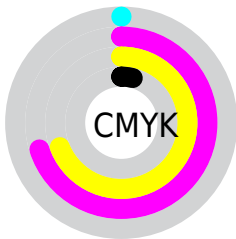
Blue (29%)



Red (96%)

Yellow (28%)

Blue (29%)

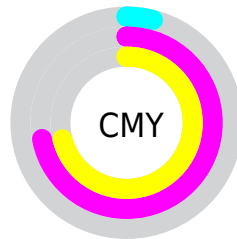


Cyan (0%)

Magenta (70%)

Yellow (69%)

Black (4%)



Cyan (4%)


Magenta (72%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8956, 24.3758, 9.2062 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 40.8956, 24.3758, 9.2062 by changing the saturation by 10% instead.

 40.8956, 24.3758,
9.2062


 40.8956, 24.3758,
9.2062


340.9541,
274.7149, 195.1831


 28.4248, 15.6126,
4.7773


 75.8011, 50.6428,
24.8754

 18.7882, 9.2505,
2.0607


 98.9665, 68.9153,
36.9527

 11.6205, 4.9049,
0.5923


 126.4276, 91.1265,
52.4166

 6.5561, 2.1916,
0.0000

 158.5495,
117.6606, 71.6855

 3.2299, 0.7154,
0.0000

 195.6978,
148.9022, 95.1781

 1.2765, 0.0000,
0.0000

238.2378,

 0.1655, 0.0000,

185.2355, 123.3129

0.0000

286.5348,
227.0449, 156.5084

■ 0.0000, 0.0000,
0.0000

■ 40.8956, 24.3758,
9.2062

■ 40.8956, 24.3758,
9.2062

■ 38.9472, 21.5545,
5.2425

■ 43.7796, 28.5744,
15.0065

■ 37.8170, 19.9336,
2.8943


■ 47.6947, 34.2908,
22.8283


■ 37.3312, 19.2423,
1.8683


■ 52.7266, 41.6528,
32.8351

■ 58.9516, 50.7736,
45.1735

■ 66.4391, 61.7563,
59.9772

 75.2534, 74.6963,
77.3700

 85.4544, 89.6821,
97.4674

 91.1180, 97.9730,
108.7160

Harmonies

Analogous

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



44.1815, 24.3758, 26.7913



40.8956, 24.3758, 9.2062



32.6479, 24.3758, 2.9682

Triad

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



40.8956, 24.3758, 9.2062



11.5412, 24.3758, 8.9946



23.0815, 24.3758, 108.7500

Complementary

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



40.8956, 24.3758, 9.2062



50.9026, 72.4306, 94.5247

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.



15.7284, 24.3758, 92.8782



40.8956, 24.3758, 9.2062



10.1674, 24.3758, 26.2925

Square

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



40.8956, 24.3758, 9.2062



15.8451, 24.3758, 2.9107



11.4866, 24.3758, 57.9590



32.4587, 24.3758, 93.4542

Rectangle

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



40.8956, 24.3758, 9.2062



26.2817, 24.3758, 1.8223



11.4866, 24.3758, 57.9590



20.3114, 24.3758, 106.7920

Sweetspot

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



40.8962, 24.3772, 9.2066



72.9375, 67.5257, 65.3033



53.9966, 29.3912, 88.4146



15.0954, 13.6958, 12.9575



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.



40.8962, 24.3772, 9.2066



42.3594, 22.8296, 4.3661



49.7506, 42.2461, 11.6651



16.5108, 16.4872, 17.1706



20.3039, 10.4650, 1.0427



1.7885, 0.9214, 0.1128

Inverse Universe

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



40.8962, 24.3772, 9.2066



42.3594, 22.8296, 4.3661



32.2311, 34.3672, 90.5222



16.5108, 16.4872, 17.1706



20.3039, 10.4650, 1.0427



1.7885, 0.9214, 0.1128

Previews

White Background



This preview shows how the XYZ color 40.8956, 24.3758, 9.2062 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 40.8956, 24.3758, 9.2062 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 40.8956, 24.3758, 9.2062

Background



This preview shows how black text looks on a background with the XYZ color 40.8956, 24.3758, 9.2062.



This preview shows how white text looks on a background with the XYZ color 40.8956, 24.3758,

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

40.8956, 24.3758, 9.2062

Protanopia

22.8628, 24.6012, 15.0988

Deuteranopia

24.7407, 24.2977, 8.3870



Tritanopia

40.8956, 24.3758, 9.2062

Trichromacy



Original Color

40.8956, 24.3758, 9.2062

Protanomaly

27.0420, 22.4935, 12.5893

Deuteranomaly

28.9424, 22.7569, 8.4973

Tritanomaly

40.8956, 24.3758, 9.2062

Monochromacy



Original Color

40.8956, 24.3758, 9.2062

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

23.8015, 19.4686, 16.1390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8956, 24.3758, 9.2062 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(244, 72, 75)` looks like.

```
.text, #text, p{  
    color:rgb(244, 72, 75)  
}
```

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(244, 72, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 72, 75) }
```

Border

The CSS property to change the border of an element to XYZ 40.8956, 24.3758, 9.2062 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(244, 72, 75) }
```


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

```
.border{ border-color:rgb(244, 72, 75) }
```

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

Here you see how a box with a 4 pixel rgb(244, 72, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 72, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 72, 75);  
box-shadow:4px 4px 4px 4px rgb(244, 72,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8956, 24.3758, 9.2062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 72, 75) }
```

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

```
.background{ background-color: rgb(244, 72,  
75) }
```

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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