

Converting Colors

XYZ(41.8136, 24.7617, 8.8790)

Have a look what the booklet for
XYZ(41.8136, 24.7617, 8.8790)
contains.

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Color

**XYZ(41.8136, 24.7617,
8.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	F74749
RGB	247, 71, 73
RGB Percent	97%, 28%, 29%
CMY	0.0314, 0.7215, 0.7137
CMYK	0.00, 0.71, 0.70, 0.03
HSL	359°, 92%, 62%
HSV	359°, 71%, 97%
XYZ	41.8136, 24.7617, 8.8790
YIQ	123.8520, 104.2540, 37.9340

Conversions

Conversions Part 2

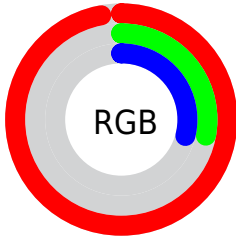
Format	Color
R_{YB}	247, 71, 73
Decimal	16205641
CIE Lab	56.84, 66.30, 38.86
CIE LCh	57, 76.848, 30.377
Yxy	24.7617, 0.5542, 0.3282
Android (android.graphics.Color)	4294395721 (0xFFFF74749)
YUV	123.8520, -25.0700, 108.0008
Hunter-Lab	49.7611, 62.9091, 24.2535

Details

The XYZ color **41.8136, 24.7617, 8.8790** 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 **52.3431, 74.4544, 98.0076**, and the grayscale version is **19.1670, 20.1652, 21.9599**.

A 20% lighter version of the original color is **52.7355, 38.6304, 23.0893**, and **19.7502, 10.1560, 2.0817** is the 20% darker color. If you saturate the color by 10%, you get **39.8923, 21.9708, 4.9977**, and if you desaturate by 10%, it is **44.6916, 28.9584, 14.6466**.

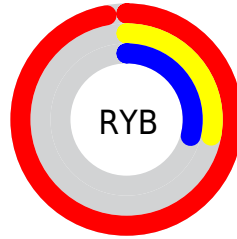
Distribution



Red (97%)

Green (28%)

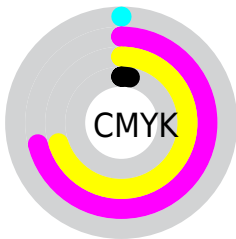
Blue (29%)



Red (97%)

Yellow (28%)

Blue (29%)

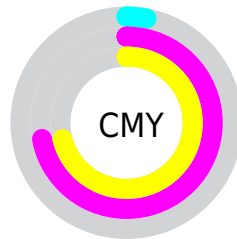


Cyan (0%)

Magenta (71%)

Yellow (70%)

Black (3%)



Cyan (3%)


Magenta (72%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8136, 24.7617, 8.8790 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 41.8136, 24.7617, 8.8790 by changing the saturation by 10% instead.

 41.8136, 24.7617,
8.8790


 41.8136, 24.7617,
8.8790


344.7144,
276.6491, 192.6574


 29.1458, 15.8996,
4.5666


 77.1844, 51.2704,
24.2385


 19.3360, 9.4531,
1.9411


 100.6181, 69.6857,
36.1226

 12.0188, 5.0379,
0.5187


 128.3712, 92.0543,
51.3678

 6.8287, 2.2695,
0.0000

 160.8090,
118.7605, 70.3924

 3.4006, 0.7575,
0.0000

 198.2968,
150.1886, 93.6152

 1.3690, 0.0000,
0.0000

241.2001,

 0.2340, 0.0000,

186.7232, 121.4546

0.0000

289.8842,
228.7486, 154.3291

■ 0.0000, 0.0000,
0.0000

■ 41.8136, 24.7617,
8.8790

■ 41.8136, 24.7617,
8.8790

■ 39.8923, 21.9708,
4.9977

■ 44.6916, 28.9584,
14.6466

■ 38.8036, 20.3998,
2.7652


■ 48.6268, 34.7077,
22.4976


■ 38.3728, 19.7801,
1.8756


■ 53.7089, 42.1428,
32.6053

■ 60.0177, 51.3815,
45.1249

■ 67.6258, 62.5310,
60.1976

 76.6000, 75.6901,
77.9540

 87.0029, 90.9510,
98.5156

 92.1675, 98.5140,
108.7651

Harmonies

Analogous

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



45.3907, 24.7617, 26.6366



41.8136, 24.7617, 8.8790



33.1521, 24.7617, 2.7651

Triad

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



41.8136, 24.7617, 8.8790



11.4823, 24.7617, 9.1510



23.6493, 24.7617, 112.9112

Complementary

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



41.8136, 24.7617, 8.8790



52.3431, 74.4544, 98.0076

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.



15.9851, 24.7617, 96.9274



41.8136, 24.7617, 8.8790



10.1389, 24.7617, 27.2886

Square

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



41.8136, 24.7617, 8.8790



15.8333, 24.7617, 2.8371



11.5530, 24.7617, 60.5323



33.4005, 24.7617, 96.1643

Rectangle

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



41.8136, 24.7617, 8.8790



26.5437, 24.7617, 1.6834



11.5530, 24.7617, 60.5323



20.7632, 24.7617, 111.1144

Sweetspot

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



41.8142, 24.7632, 8.8794



72.8989, 67.5103, 65.0998



56.3736, 30.4684, 90.9048



15.0864, 13.6922, 12.9105



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.



41.8142, 24.7632, 8.8794



42.3361, 22.8203, 4.2437



51.3959, 44.0305, 11.7533



16.5068, 16.4856, 17.1492



20.2977, 10.4625, 1.0100



1.7866, 0.9206, 0.1026

Inverse Universe

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



41.8142, 24.7632, 8.8794



42.3361, 22.8203, 4.2437



32.2975, 33.8746, 92.8312



16.5068, 16.4856, 17.1492



20.2977, 10.4625, 1.0100



1.7866, 0.9206, 0.1026

Previews

White Background



This preview shows how the XYZ color 41.8136, 24.7617, 8.8790 looks on a white background.

Color Contrast Check

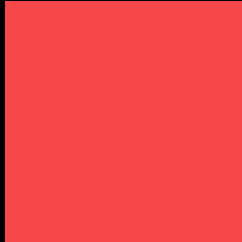
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8136, 24.7617, 8.8790 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 41.8136, 24.7617, 8.8790

Background



This preview shows how black text looks on a background with the XYZ color 41.8136, 24.7617, 8.8790.



This preview shows how white text looks on a background with the XYZ color 41.8136, 24.7617,

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

41.8136, 24.7617, 8.8790

Protanopia

23.0896, 24.9389, 14.6631

Deuteranopia

25.2420, 24.7592, 8.1512



Tritanopia

41.8470, 24.7750, 9.0550

Trichromacy



Original Color

41.8136, 24.7617, 8.8790

Protanomaly

27.1950, 22.5821, 12.1580

Deuteranomaly

29.5077, 23.2128, 8.2355

Tritanomaly

41.8470, 24.7750, 9.0550

Monochromacy



Original Color

41.8136, 24.7617, 8.8790

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

23.9636, 19.5581, 15.8767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8136, 24.7617, 8.8790 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(247, 71, 73)` looks like.

```
.text, #text, p{  
    color:rgb(247, 71, 73)  
}
```

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(247, 71, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 71, 73) }
```

Border

The CSS property to change the border of an element to XYZ 41.8136, 24.7617, 8.8790 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(247, 71, 73) }
```


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

```
.border{ border-color:rgb(247, 71, 73) }
```

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

Here you see how a box with a 4 pixel rgb(247, 71, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 71, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 71, 73);  
box-shadow:4px 4px 4px 4px rgb(247, 71,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8136, 24.7617, 8.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 71, 73) }
```

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

```
.background{ background-color: rgb(247, 71,  
73) }
```

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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