

Converting Colors

XYZ(41.8470, 24.7750, 9.0550)

Have a look what the booklet for
XYZ(41.8470, 24.7750, 9.0550)
contains.

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Color

**XYZ(41.8470, 24.7750,
9.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	F7474A
RGB	247, 71, 74
RGB Percent	97%, 28%, 29%
CMY	0.0314, 0.7215, 0.7098
CMYK	0.00, 0.71, 0.70, 0.03
HSL	359°, 92%, 62%
HSV	359°, 71%, 97%
XYZ	41.8470, 24.7750, 9.0550
YIQ	123.9660, 103.9330, 38.2450

Conversions

Conversions Part 2

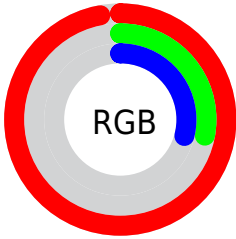
Format	Color
R_{YB}	247, 71, 74
Decimal	16205642
CIE _{Lab}	56.86, 66.34, 38.31
CIE _{LCh}	57, 76.612, 30.008
Yxy	24.7750, 0.5530, 0.3274
Android (android.graphics.Color)	4294395722 (0xFFFF7474A)
YUV	123.9660, -24.6332, 107.9008
Hunter-Lab	49.7745, 62.9653, 24.0561

Details

The XYZ color **41.8470, 24.7750, 9.0550** 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 **52.1907, 74.3934, 97.2053**, and the grayscale version is **19.2036, 20.2037, 22.0018**.

A 20% lighter version of the original color is **52.7978, 38.6553, 23.4174**, and **19.7628, 10.1610, 2.1480** is the 20% darker color. If you saturate the color by 10%, you get **39.9164, 21.9804, 5.1248**, and if you desaturate by 10%, it is **44.7321, 28.9745, 14.8600**.

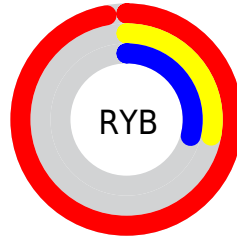
Distribution



Red (97%)

Green (28%)

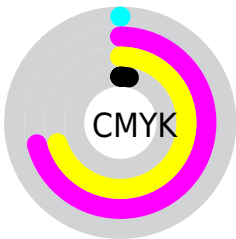
Blue (29%)



Red (97%)

Yellow (28%)

Blue (29%)

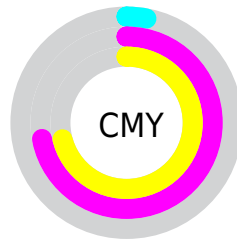


Cyan (0%)

Magenta (71%)

Yellow (70%)

Black (3%)



Cyan (3%)


Magenta (72%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8470, 24.7750, 9.0550 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 41.8470, 24.7750, 9.0550 by changing the saturation by 10% instead.


 41.8470, 24.7750,
9.0550


 41.8470, 24.7750,
9.0550


344.8507,
276.7156, 194.0208

 29.1721, 15.9095,
4.6798


 77.2346, 51.2920,
24.5816

 19.3560, 9.4601,
2.0052


 100.6781, 69.7122,
36.5700


 12.0333, 5.0425,
0.5585


 128.4417, 92.0862,
51.9333

 6.8387, 2.2722,
0.0000

 160.8909,
118.7983, 71.0899

 3.4069, 0.7589,
0.0000

 198.3911,
150.2329, 94.4584

 1.3724, 0.0000,
0.0000

241.3076,

 0.2364, 0.0000,

186.7744, 122.4574

0.0000

290.0056,
228.8071, 155.5054

■ 0.0000, 0.0000,
0.0000

■ 41.8470, 24.7750,
9.0550

■ 41.8470, 24.7750,
9.0550

■ 39.9164, 21.9804,
5.1248

■ 44.7321, 28.9745,
14.8600

■ 38.8173, 20.4052,
2.8375


■ 48.6714, 34.7254,
22.7327


■ 38.3805, 19.7832,
1.9161


■ 53.7541, 42.1607,
32.8435

■ 60.0594, 51.3979,
45.3447

■ 67.6594, 62.5442,
60.3752

 76.6207, 75.6982,
78.0635

 87.0053, 90.9517,
98.5291

 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.



45.3286, 24.7750, 26.9692



41.8470, 24.7750, 9.0550



33.2564, 24.7750, 2.8324

Triad

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



41.8470, 24.7750, 9.0550



11.5531, 24.7750, 9.0605



23.5502, 24.7750, 112.5569

Complementary

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



41.8470, 24.7750, 9.0550



52.1907, 74.3934, 97.2053

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.



15.9407, 24.7750, 96.2811



41.8470, 24.7750, 9.0550



10.1762, 24.7750, 26.9823

Square

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



41.8470, 24.7750, 9.0550



15.9376, 24.7750, 2.8339



11.5546, 24.7750, 59.9551



33.2614, 24.7750, 96.2658

Rectangle

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



41.8470, 24.7750, 9.0550



26.6667, 24.7750, 1.7180



11.5546, 24.7750, 59.9551



20.6822, 24.7750, 110.6275

Sweetspot

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



41.8476, 24.7765, 9.0554



72.9350, 67.5247, 65.2899



55.3634, 29.9476, 90.8576



15.0948, 13.6956, 12.9544



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.



41.8476, 24.7765, 9.0554



42.2351, 22.6530, 4.1029



50.9093, 43.0573, 11.5910



16.5106, 16.4871, 17.1692



20.3035, 10.4648, 1.0406



1.7884, 0.9213, 0.1122

Inverse Universe

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



41.8476, 24.7765, 9.0554



42.2351, 22.6530, 4.1029



32.8199, 34.9195, 93.0054



16.5106, 16.4871, 17.1692



20.3035, 10.4648, 1.0406



1.7884, 0.9213, 0.1122

Previews

White Background



This preview shows how the XYZ color 41.8470, 24.7750, 9.0550 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 41.8470, 24.7750, 9.0550 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 41.8470, 24.7750, 9.0550

Background



This preview shows how black text looks on a background with the XYZ color 41.8470, 24.7750, 9.0550.



This preview shows how white text looks on a background with the XYZ color 41.8470, 24.7750,

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

41.8470, 24.7750, 9.0550

Protanopia

23.1829, 24.9762, 15.1543

Deuteranopia

25.2702, 24.7704, 8.2998



Tritanopia

41.8470, 24.7750, 9.0550

Trichromacy



Original Color

41.8470, 24.7750, 9.0550

Protanomaly

27.2367, 22.5988, 12.3777

Deuteranomaly

29.5380, 23.2250, 8.3949

Tritanomaly

41.8470, 24.7750, 9.0550

Monochromacy



Original Color

41.8470, 24.7750, 9.0550

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

24.0153, 19.5788, 16.1490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8470, 24.7750, 9.0550 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, 74)` looks like.

```
.text, #text, p{  
    color:rgb(247, 71, 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(247, 71, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 71, 74) }
```

Border

The CSS property to change the border of an element to XYZ 41.8470, 24.7750, 9.0550 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, 74) }
```


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

```
.border{ border-color:rgb(247, 71, 74) }
```

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, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 71, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 71, 74);  
box-shadow:4px 4px 4px 4px rgb(247, 71,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8470, 24.7750, 9.0550 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, 74) }
```

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

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