

Converting Colors

XYZ(41.8373, 24.4546, 9.9779)

Have a look what the booklet for
XYZ(41.8373, 24.4546, 9.9779)
contains.

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Color

**XYZ(41.8362, 24.4729,
9.9159)**

Conversions

Conversions Part 1

Format	Color
Hex	F7444F
RGB	247, 68, 79
RGB Percent	97%, 27%, 31%
CMY	0.0314, 0.7333, 0.6902
CMYK	0.00, 0.72, 0.68, 0.03
HSL	356°, 92%, 62%
HSV	356°, 72%, 97%
XYZ	41.8362, 24.4729, 9.9159
YIQ	122.7750, 103.1530, 41.3690

Conversions

Conversions Part 2

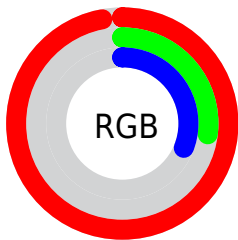
Format	Color
R_{YB}	247, 68, 79
Decimal	16204879
CIE Lab	56.56, 67.59, 35.12
CIE LCh	57, 76.170, 27.455
Yxy	24.4729, 0.5489, 0.3211
Android (android.graphics.Color)	4294394959 (0xFF7444F)
YUV	122.7750, -21.5811, 108.9453
Hunter-Lab	49.4701, 64.3824, 22.7448

Details

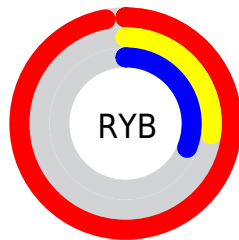
The XYZ color **41.8362, 24.4729, 9.9159** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **50.7873, 73.8073, 90.9349**, and the grayscale version is **18.7993, 19.7783, 21.5385**.

A 20% lighter version of the original color is **52.8555, 38.2569, 25.0206**, and **19.8172, 10.1828, 2.4344** is the 20% darker color. If you saturate the color by 10%, you get **39.9422, 21.8084, 5.8222**, and if you desaturate by 10%, it is **44.6542, 28.5154, 15.7689**.

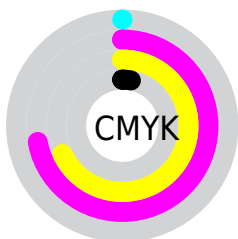
Distribution



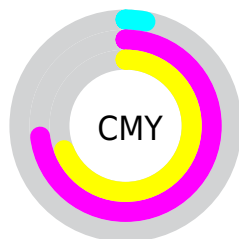
- Red (97%)
- Green (27%)
- Blue (31%)



- Red (97%)
- Yellow (27%)
- Blue (31%)



- Cyan (0%)
- Magenta (72%)
- Yellow (68%)
- Black (3%)





- Cyan (3%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8362, 24.4729, 9.9159 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 41.8362, 24.4729, 9.9159 by changing the saturation by 10% instead.

 41.8362, 24.4729,
9.9159


 41.8362, 24.4729,
9.9159


344.8067,
275.2027, 200.5337


 29.1636, 15.6848,
5.2384


 77.2184, 50.8008,
26.2425

 19.3495, 9.3014,
2.3266


 100.6587, 69.1094,
38.7287

 12.0286, 4.9383,
0.7461


 128.4189, 91.3603,
54.6548

 6.8355, 2.2111,
0.0000

 160.8644,
117.9378, 74.4395

 3.4049, 0.7260,
0.0000

 198.3606,
149.2264, 98.5011

 1.3713, 0.0000,
0.0000

241.2728,

 0.2356, 0.0000,

185.6105, 127.2584

0.0000

289.9664,
227.4745, 161.1297

■ 0.0000, 0.0000,
0.0000

■ 41.8362, 24.4729,
9.9159

■ 41.8362, 24.4729,
9.9159

■ 39.9422, 21.8084,
5.8222

■ 44.6542, 28.5154,
15.7689

■ 38.8533, 20.3346,
3.2893


■ 48.4923, 34.0831,
23.5484


■ 38.4450, 19.8090,
2.2553


■ 53.4364, 41.3092,
33.4035

■ 59.5629, 50.3112,
45.4682

■ 66.9414, 61.1960,
59.8654

 75.6361, 74.0619,
76.7088

 85.7068, 89.0007,
96.1048

 92.1676, 98.5140,
108.7651

Harmonies

Analogous

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



44.7056, 24.4729, 28.8670



41.8362, 24.4729, 9.9159



33.6538, 24.4729, 3.0728

Triad

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



41.8362, 24.4729, 9.9159



11.6741, 24.4729, 8.1026



22.5143, 24.4729, 110.8474

Complementary

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



41.8362, 24.4729, 9.9159



50.7873, 73.8073, 90.9349

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.



15.2635, 24.4729, 92.3398



41.8362, 24.4729, 9.9159



10.0781, 24.4729, 24.5436

Square

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



41.8362, 24.4729, 9.9159



16.2719, 24.4729, 2.5887



11.2040, 24.4729, 55.9773



32.0094, 24.4729, 97.3777

Rectangle

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



41.8362, 24.4729, 9.9159



27.1510, 24.4729, 1.7788



11.2040, 24.4729, 55.9773



19.7611, 24.4729, 107.9908

Sweetspot

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



41.8368, 24.4743, 9.9163



72.3419, 66.3414, 65.0833



53.1394, 28.5247, 90.7003



14.9901, 13.4700, 12.9694



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.



41.8368, 24.4743, 9.9163



42.2965, 22.5594, 4.7902



49.6146, 40.6181, 10.6960



16.5404, 16.4990, 17.3262



20.3491, 10.4831, 1.2807



1.8027, 0.9270, 0.1873

Inverse Universe

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



41.8368, 24.4743, 9.9163



42.2965, 22.5594, 4.7902



33.4429, 36.4841, 93.2747



16.5404, 16.4990, 17.3262



20.3491, 10.4831, 1.2807



1.8027, 0.9270, 0.1873

Previews

White Background



This preview shows how the XYZ color 41.8362, 24.4729, 9.9159 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 41.8362, 24.4729, 9.9159 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 41.8362, 24.4729, 9.9159

Background



This preview shows how black text looks on a background with the XYZ color 41.8362, 24.4729, 9.9159.



This preview shows how white text looks on a background with the XYZ color 41.8362, 24.4729,

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

41.8362, 24.4729, 9.9159

Protanopia

23.0310, 24.6480, 16.9083

Deuteranopia

24.9932, 24.6104, 9.0632



Tritanopia

41.6556, 24.4983, 8.6640

Trichromacy



Original Color

41.8362, 24.4729, 9.9159

Protanomaly

27.0872, 22.1585, 13.9157

Deuteranomaly

29.2252, 22.7322, 9.1507

Tritanomaly

41.7559, 24.5384, 9.1922

Monochromacy



Original Color

41.8362, 24.4729, 9.9159

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

23.6525, 19.0869, 16.3474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8362, 24.4729, 9.9159 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, 68, 79)` looks like.

```
.text, #text, p{  
    color:rgb(247, 68, 79)  
}
```

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, 68, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 68, 79) }
```

Border

The CSS property to change the border of an element to XYZ 41.8362, 24.4729, 9.9159 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, 68, 79) }
```


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

```
.border{ border-color:rgb(247, 68, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 68, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 68, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 68, 79);  
box-shadow:4px 4px 4px 4px rgb(247, 68,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8362, 24.4729, 9.9159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 68, 79) }
```

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

```
.background{ background-color: rgb(247, 68,  
79) }
```

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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