

Converting Colors

XYZ(42.1548, 24.9227, 17.6538)

Have a look what the booklet for
XYZ(42.1548, 24.9227, 17.6538)
contains.

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Color

**XYZ(42.2139, 24.9675,
17.6332)**

Conversions

Conversions Part 1

Format	Color
Hex	F3496F
RGB	243, 73, 111
RGB Percent	95%, 29%, 44%
CMY	0.0471, 0.7137, 0.5647
CMYK	0.00, 0.70, 0.54, 0.05
HSL	347°, 88%, 62%
HSV	347°, 70%, 95%
XYZ	42.2139, 24.9675, 17.6332
YIQ	128.1620, 89.1220, 47.8580

Conversions

Conversions Part 2

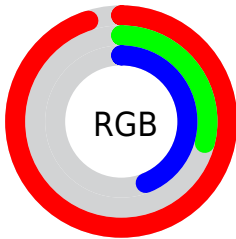
Format	Color
R_{YB}	243, 73, 111
Decimal	15944047
CIE Lab	57.04, 66.64, 16.92
CIE LCh	57, 68.755, 14.248
Yxy	24.9675, 0.4977, 0.2944
Android (android.graphics.Color)	4294134127 (0xFFFF3496F)
YUV	128.1620, -8.4609, 100.7129
Hunter-Lab	49.9675, 63.3586, 14.0542

Details

The XYZ color **42.2139, 24.9675, 17.6332** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **45.8197, 69.9260, 68.8465**, and the grayscale version is **20.5824, 21.6543, 23.5815**.

A 20% lighter version of the original color is **56.0129, 40.3712, 39.0226**, and **19.9815, 10.1939, 5.7650** is the 20% darker color. If you saturate the color by 10%, you get **39.9857, 22.0022, 12.2946**, and if you desaturate by 10%, it is **45.2860, 29.2699, 24.3362**.

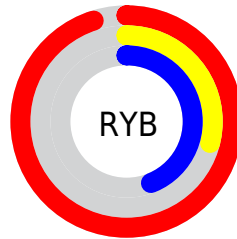
Distribution



Red (95%)

Green (29%)

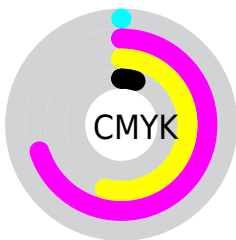
Blue (44%)



Red (95%)

Yellow (29%)

Blue (44%)

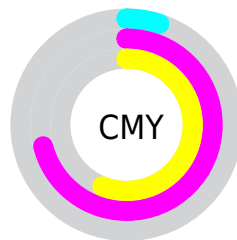


Cyan (0%)

Magenta (70%)

Yellow (54%)

Black (5%)



Cyan (5%)


Magenta (71%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2139, 24.9675, 17.6332 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 42.2139, 24.9675, 17.6332 by changing the saturation by 10% instead.


 42.2139, 24.9675,
17.6332


 42.2139, 24.9675,
17.6332


346.3454,
277.6761, 250.9617


 29.4607, 16.0528,
10.5203

 77.7864, 51.6045,
40.2168


 19.5756, 9.5616,
5.6352


 101.3363, 70.0956,
56.5245


 12.1934, 5.1092,
2.5594


 129.2159, 92.5477,
76.7342

 6.9487, 2.3115,
0.8714

 161.7905,
119.3451, 101.2644

 3.4761, 0.7798,
0.0000

 199.4253,
150.8723, 130.5338

 1.4102, 0.0000,
0.0000

242.4859,

 0.2635, 0.0000,

187.5135, 164.9607

0.0000

291.3375,
229.6533, 204.9638

■ 0.0000, 0.0000,
0.0000

■ 42.2139, 24.9675,
17.6332

■ 42.2139, 24.9675,
17.6332

■ 39.9857, 22.0022,
12.2946

■ 45.2860, 29.2699,
24.3362

■ 38.5084, 20.2095,
8.2201

■ 49.2779, 35.0401,
32.4910


■ 37.6383, 19.3270,
5.2853


■ 54.2587, 42.3977,
42.1788


■ 37.6350, 19.3238,
5.2740

■ 60.2902, 51.4490,
53.4743

■ 67.4292, 62.2908,
66.4472

 75.7283, 75.0129,
81.1630

 85.2366, 89.6987,
97.6835

 90.7719, 97.7946,
108.6998

Harmonies

Analogous

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



42.0591, 24.9675, 41.1524



42.2139, 24.9675, 17.6332



36.7003, 24.9675, 6.4495

Triad

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



42.2139, 24.9675, 17.6332



14.4518, 24.9675, 6.1381



19.7556, 24.9675, 96.4989

Complementary

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



42.2139, 24.9675, 17.6332



45.8197, 69.9260, 68.8465

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.



14.2455, 24.9675, 71.5917



42.2139, 24.9675, 17.6332



11.6924, 24.9675, 16.8011

Square

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



42.2139, 24.9675, 17.6332



20.1064, 24.9675, 2.8378



11.6267, 24.9675, 39.6826



27.7667, 24.9675, 97.2041

Rectangle

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



42.2139, 24.9675, 17.6332



31.1467, 24.9675, 3.5697



11.6267, 24.9675, 39.6826



17.5968, 24.9675, 90.2402

Sweetspot

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



42.2145, 24.9689, 17.6336



74.2950, 68.0687, 72.4517



43.2810, 23.9814, 87.1412



15.4114, 13.8222, 14.6215



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.



42.2145, 24.9689, 17.6336



43.8153, 23.5478, 11.6144



44.6837, 32.5733, 10.2376



16.6508, 16.5432, 17.9075



20.6970, 10.6222, 3.1126



1.8563, 0.9485, 0.4696

Inverse Universe

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



42.2145, 24.9689, 17.6336



43.8153, 23.5478, 11.6144



39.0447, 48.1251, 92.0247



16.6508, 16.5432, 17.9075



20.6970, 10.6222, 3.1126



1.8563, 0.9485, 0.4696

Previews

White Background



This preview shows how the XYZ color 42.2139, 24.9675, 17.6332 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 42.2139, 24.9675, 17.6332 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 42.2139, 24.9675, 17.6332

Background



This preview shows how black text looks on a background with the XYZ color 42.2139, 24.9675, 17.6332.

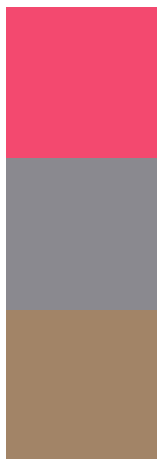


This preview shows how white text looks on a background with the XYZ color 42.2139, 24.9675,

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

42.2139, 24.9675, 17.6332

Protanopia

24.3848, 25.2778, 29.5805

Deuteranopia

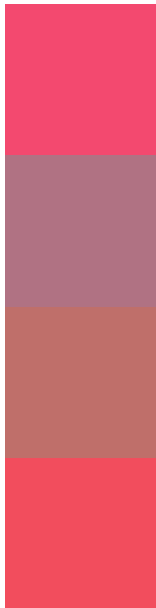
25.5997, 25.1632, 16.3397



Tritanopia

40.9753, 25.0937, 10.8676

Trichromacy



Original Color

42.2139, 24.9675, 17.6332

Protanomaly

28.0185, 22.9034, 24.4168

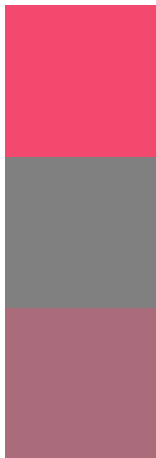
Deuteranomaly

29.7718, 23.4859, 16.5997

Tritanomaly

41.2476, 24.9753, 13.0027

Monochromacy



Original Color

42.2139, 24.9675, 17.6332

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

25.4530, 20.6763, 21.0618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2139, 24.9675, 17.6332 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(243, 73, 111)` looks like.

```
.text, #text, p{  
    color:rgb(243, 73, 111)  
}
```

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(243, 73, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 73, 111) }
```

Border

The CSS property to change the border of an element to XYZ 42.2139, 24.9675, 17.6332 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(243, 73, 111) }
```


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

```
.border{ border-color:rgb(243, 73, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 73, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 73, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 73, 111);  
box-shadow:4px 4px 4px 4px rgb(243, 73,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2139, 24.9675, 17.6332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 73, 111) }
```

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

```
.background{ background-color: rgb(243, 73,  
111) }
```

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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