

Converting Colors

XYZ(41.3007, 24.5624, 14.6208)

Have a look what the booklet for
XYZ(41.3007, 24.5624, 14.6208)
contains.

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Color

**XYZ(41.3007, 24.5624,
14.6208)**

Conversions

Conversions Part 1

Format	Color
Hex	F24964
RGB	242, 73, 100
RGB Percent	95%, 29%, 39%
CMY	0.0510, 0.7137, 0.6078
CMYK	0.00, 0.70, 0.59, 0.05
HSL	350°, 87%, 62%
HSV	350°, 70%, 95%
XYZ	41.3007, 24.5624, 14.6208
YIQ	126.6090, 92.0570, 44.2250

Conversions

Conversions Part 2

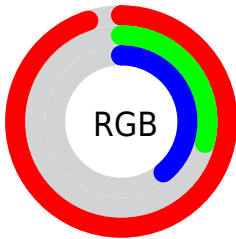
Format	Color
R_{YB}	242, 73, 100
Decimal	15878500
CIE _{Lab}	56.65, 65.58, 22.84
CIE _{LCh}	57, 69.443, 19.199
Yxy	24.5624, 0.5132, 0.3052
Android (android.graphics.Color)	4294068580 (0xFFFF24964)
YUV	126.6090, -13.1182, 101.1979
Hunter-Lab	49.5605, 62.0203, 17.2012

Details

The XYZ color **41.3007, 24.5624, 14.6208** 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 **46.7675, 69.8276, 75.3100**, and the grayscale version is **20.0617, 21.1064, 22.9849**.

A 20% lighter version of the original color is **55.0772, 39.9969, 34.0954**, and **19.2563, 9.8500, 4.3764** is the 20% darker color. If you saturate the color by 10%, you get **39.1438, 21.6323, 9.6371**, and if you desaturate by 10%, it is **44.3225, 28.8298, 21.1049**.

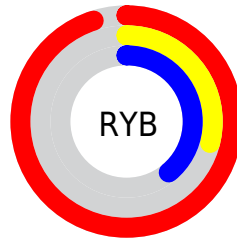
Distribution



Red (95%)

Green (29%)

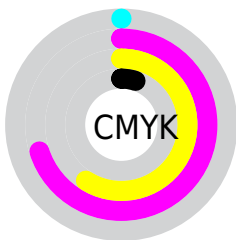
Blue (39%)



Red (95%)

Yellow (29%)

Blue (39%)

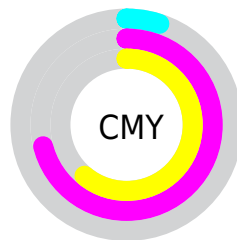


Cyan (0%)

Magenta (70%)

Yellow (59%)

Black (5%)



Cyan (5%)


Magenta (71%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3007, 24.5624, 14.6208 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 41.3007, 24.5624, 14.6208 by changing the saturation by 10% instead.

 41.3007, 24.5624,
14.6208


 41.3007, 24.5624,
14.6208

342.6170,
275.6516, 232.6206


 28.7428, 15.7513,
8.4100


 76.4120, 50.9464,
34.9194

 19.0297, 9.3484,
4.2669


 99.6961, 69.2881,
49.8443


 11.7958, 4.9691,
1.7729


 127.2864, 91.5756,
68.5110

 6.6760, 2.2291,
0.4100

 159.5481,
118.1930, 91.3381

 3.3048, 0.7358,
0.0000

 196.8467,
149.5250, 118.7441

 1.3169, 0.0000,
0.0000

239.5474,

 0.1959, 0.0000,

185.9558, 151.1474

0.0000

288.0158,
227.8699, 188.9667

■ 0.0000, 0.0000,
0.0000

■ 41.3007, 24.5624,
14.6208

■ 41.3007, 24.5624,
14.6208

■ 39.1438, 21.6323,
9.6371

■ 44.3225, 28.8298,
21.1049

■ 37.7551, 19.8751,
6.0291

■ 48.2884, 34.5653,
29.1976


■ 36.9883, 19.0325,
3.6432


■ 53.2703, 41.8886,
38.9983


■ 36.9782, 19.0213,
3.6117

■ 59.3325, 50.9060,
50.5980

■ 66.5342, 61.7145,
64.0811

 74.9300, 74.4039,
79.5265

 84.5712, 89.0578,
97.0089

 90.4277, 97.6171,
108.6837

Harmonies

Analogous

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



42.1679, 24.5624, 35.9761



41.3007, 24.5624, 14.6208



35.0368, 24.5624, 5.2264

Triad

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



41.3007, 24.5624, 14.6208



13.4515, 24.5624, 6.9362



20.5545, 24.5624, 98.5559

Complementary

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



41.3007, 24.5624, 14.6208



46.7675, 69.8276, 75.3100

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.



14.5963, 24.5624, 76.5270



41.3007, 24.5624, 14.6208



11.1710, 24.5624, 19.2445

Square

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



41.3007, 24.5624, 14.6208



18.6014, 24.5624, 2.8919



11.5351, 24.5624, 44.2021



28.8353, 24.5624, 94.5876

Rectangle

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



41.3007, 24.5624, 14.6208



29.3074, 24.5624, 2.9894



11.5351, 24.5624, 44.2021



18.2530, 24.5624, 93.6040

Sweetspot

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



41.3013, 24.5638, 14.6212



73.8649, 67.8967, 70.1867



46.0935, 25.4486, 86.4866



15.3109, 13.7820, 14.0923



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.



41.3013, 24.5638, 14.6212



43.2964, 23.3402, 8.8816



45.7159, 35.1487, 10.6802



15.8757, 15.8000, 16.9018



19.8973, 10.2313, 2.1096



1.6856, 0.8633, 0.3351

Inverse Universe

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



41.3013, 24.5638, 14.6212



43.2964, 23.3402, 8.8816



36.2649, 42.8066, 90.3551



15.8757, 15.8000, 16.9018



19.8973, 10.2313, 2.1096



1.6856, 0.8633, 0.3351

Previews

White Background



This preview shows how the XYZ color 41.3007, 24.5624, 14.6208 looks on a white background.

Color Contrast Check

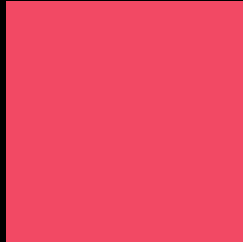
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3007, 24.5624, 14.6208 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 41.3007, 24.5624, 14.6208

Background



This preview shows how black text looks on a background with the XYZ color 41.3007, 24.5624, 14.6208.



This preview shows how white text looks on a background with the XYZ color 41.3007, 24.5624,

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

41.3007, 24.5624, 14.6208

Protanopia

23.5818, 24.7687, 24.3068

Deuteranopia

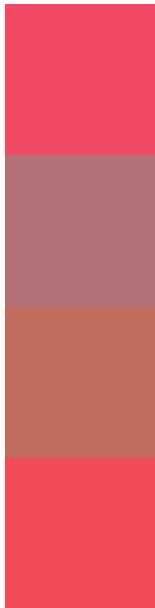
25.0187, 24.5245, 13.5403



Tritanopia

40.4147, 24.6026, 10.4033

Trichromacy



Original Color

41.3007, 24.5624, 14.6208

Protanomaly

27.3066, 22.4654, 20.0366

Deuteranomaly

29.2724, 22.9700, 13.7173

Tritanomaly

40.6215, 24.5742, 11.8348

Monochromacy



Original Color

41.3007, 24.5624, 14.6208

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.8308, 20.2348, 19.4266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3007, 24.5624, 14.6208 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(242, 73, 100)` looks like.

```
.text, #text, p{  
    color:rgb(242, 73, 100)  
}
```

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(242, 73, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 73, 100) }
```

Border

The CSS property to change the border of an element to XYZ 41.3007, 24.5624, 14.6208 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(242, 73, 100) }
```


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

```
.border{ border-color:rgb(242, 73, 100) }
```

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

Here you see how a box with a 4 pixel rgb(242, 73, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 73, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 73, 100);  
box-shadow:4px 4px 4px 4px rgb(242, 73,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3007, 24.5624, 14.6208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 73, 100) }
```

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

```
.background{ background-color: rgb(242, 73,  
100) }
```

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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