

Converting Colors

XYZ(44.7386, 24.5536, 14.5142)

Have a look what the booklet for
XYZ(44.7386, 24.5536, 14.5142)
contains.

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Color

**XYZ(44.7241, 24.5478,
14.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3364
RGB	255, 51, 100
RGB Percent	100%, 20%, 39%
CMY	0.0000, 0.7999, 0.6078
CMYK	0.00, 0.80, 0.61, 0.00
HSL	346°, 100%, 60%
HSV	346°, 80%, 100%
XYZ	44.7241, 24.5478, 14.4376
YIQ	117.5820, 105.8550, 58.4870

Conversions

Conversions Part 2

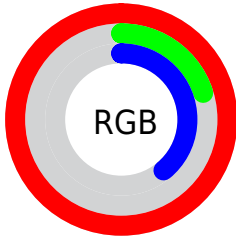
Format	Color
R_{YB}	255, 51, 100
Decimal	16724836
CIE _{Lab}	56.63, 75.83, 23.24
CIE _{LCh}	57, 79.312, 17.040
Yxy	24.5478, 0.5343, 0.2932
Android (android.graphics.Color)	4294914916 (0xFFFF3364)
YUV	117.5820, -8.6679, 120.5156
Hunter-Lab	49.5457, 74.4239, 17.4049

Details

The XYZ color **44.7241, 24.5478, 14.4376** 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 **48.2687, 76.6810, 70.6605**, and the grayscale version is **17.0950, 17.9852, 19.5859**.

A 20% lighter version of the original color is **53.1063, 36.1846, 33.0395**, and **22.1517, 11.3427, 4.5119** is the 20% darker color. If you saturate the color by 10%, you get **43.0697, 22.5660, 9.7965**, and if you desaturate by 10%, it is **47.2126, 27.8415, 20.4573**.

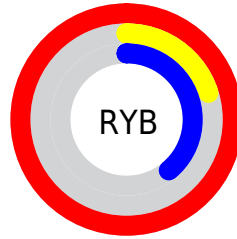
Distribution



Red (100%)

Green (20%)

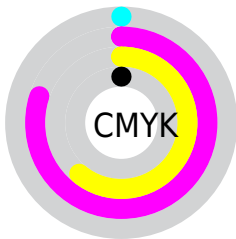
Blue (39%)



Red (100%)

Yellow (20%)

Blue (39%)

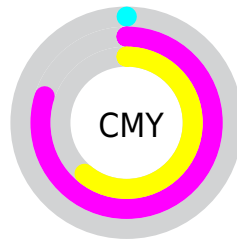


Cyan (0%)

Magenta (80%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7241, 24.5478, 14.4376 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 44.7241, 24.5478, 14.4376 by changing the saturation by 10% instead.


 44.7241, 24.5478,
14.4376


 44.7241, 24.5478,
14.4376


356.4575,
275.5784, 231.4587


 31.4405, 15.7405,
8.2834

 81.5459, 50.9227,
34.5917

 21.0880, 9.3407,
4.1865


 105.8147, 69.2590,
49.4288


 13.3012, 4.9641,
1.7282


 134.4761, 91.5405,
67.9972

 7.7147, 2.2262,
0.3799

 167.8953,
118.1514, 90.7155

 3.9632, 0.7342,
0.0000

 206.4377,
149.4763, 118.0023

 1.6813, 0.0000,
0.0000

250.4686,

 0.4445, 0.0000,

185.8995, 150.2761

0.0000

300.3534,
227.8054, 187.9554

■ 0.0000, 0.0000,
0.0000

■ 44.7241, 24.5478,
14.4376

■ 44.7241, 24.5478,
14.4376

■ 43.0697, 22.5660,
9.7965

■ 47.2126, 27.8415,
20.4573

■ 42.0890, 21.5999,
6.4007

■ 50.6352, 32.6231,
27.9600

■ 42.0884, 21.5993,
6.3987

■ 55.0791, 39.0460,
37.0403

■ 60.6205, 47.2429,
47.7842

■ 67.3282, 57.3332,
60.2713

■ 75.2653, 69.4256,
74.5759

■ 84.4903, 83.6207,
90.7679

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



45.2302, 24.5478, 39.8122



44.7241, 24.5478, 14.4376



37.6228, 24.5478, 4.1275

Triad

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



44.7241, 24.5478, 14.4376



12.6120, 24.5478, 4.9080



19.5767, 24.5478, 113.0501

Complementary

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



44.7241, 24.5478, 14.4376



48.2687, 76.6810, 70.6605

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.



13.2137, 24.5478, 83.7818



44.7241, 24.5478, 14.4376



9.9664, 24.5478, 16.8801

Square

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



44.7241, 24.5478, 14.4376



18.5118, 24.5478, 1.6405



10.1529, 24.5478, 44.5432



28.9236, 24.5478, 110.6202

Rectangle

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



44.7241, 24.5478, 14.4376



30.9553, 24.5478, 1.9358



10.1529, 24.5478, 44.5432



17.0758, 24.5478, 106.0603

Sweetspot

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



44.7247, 24.5493, 14.4380



71.9336, 64.3331, 68.6212



44.1375, 22.4272, 96.6098



14.7992, 12.8603, 13.6081



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.



44.7247, 24.5493, 14.4380



42.4244, 21.9109, 7.6208



46.5904, 31.0045, 6.6630



18.1882, 18.0586, 19.6080



22.0405, 11.3055, 3.5975



2.1866, 1.1170, 0.5639

Inverse Universe

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



44.7247, 24.5493, 14.4380



42.4244, 21.9109, 7.6208



41.0099, 51.1120, 102.3114



18.1882, 18.0586, 19.6080



22.0405, 11.3055, 3.5975



2.1866, 1.1170, 0.5639

Previews

White Background



This preview shows how the XYZ color 44.7241, 24.5478, 14.4376 looks on a white background.

Color Contrast Check

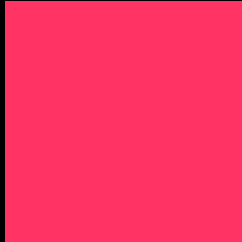
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.7241, 24.5478, 14.4376 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 44.7241, 24.5478, 14.4376

Background



This preview shows how black text looks on a background with the XYZ color 44.7241, 24.5478, 14.4376.



This preview shows how white text looks on a background with the XYZ color 44.7241, 24.5478,

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

44.7241, 24.5478, 14.4376

Protanopia

23.7327, 24.5662, 27.5357

Deuteranopia

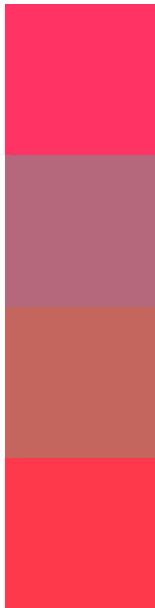
24.9324, 24.4900, 13.0858



Tritanopia

42.9934, 24.4622, 7.0131

Trichromacy



Original Color

44.7241, 24.5478, 14.4376

Protanomaly

27.6445, 21.1796, 21.6998

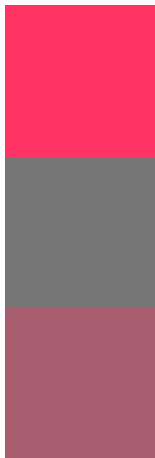
Deuteranomaly

29.4390, 21.8513, 13.2558

Tritanomaly

43.6407, 24.5189, 9.2700

Monochromacy



Original Color

44.7241, 24.5478, 14.4376

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

23.0204, 17.4779, 17.1992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7241, 24.5478, 14.4376 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(255, 51, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 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(255, 51, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 100) }
```

Border

The CSS property to change the border of an element to XYZ 44.7241, 24.5478, 14.4376 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(255, 51, 100) }
```


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

```
.border{ border-color:rgb(255, 51, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7241, 24.5478, 14.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 100) }
```

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

```
.background{ background-color: rgb(255, 51,  
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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