

# Converting Colors

XYZ(42.3253, 24.6279, 14.3273)

Have a look what the booklet for  
XYZ(42.3253, 24.6279, 14.3273)  
contains.

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# Color

**XYZ(42.3253, 24.6279,  
14.3273)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F64463
RGB	246, 68, 99
RGB Percent	96%, 27%, 39%
CMY	0.0353, 0.7333, 0.6118
CMYK	0.00, 0.72, 0.60, 0.04
HSL	350°, 91%, 62%
HSV	350°, 72%, 96%
XYZ	42.3253, 24.6279, 14.3273
YIQ	124.7560, 96.1370, 47.3770

# Conversions

## Conversions Part 2

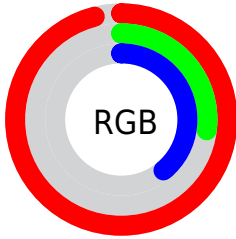
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 68, 99
Decimal	16139363
CIE <sub>Lab</sub>	56.71, 68.41, 23.64
CIE <sub>LCh</sub>	57, 72.378, 19.062
Yxy	24.6279, 0.5207, 0.3030
Android (android.graphics.Color)	4294329443 (0xFFFF64463)
YUV	124.7560, -12.6977, 106.3310
Hunter-Lab	49.6265, 65.3921, 17.6214

# Details

The XYZ color **42.3253, 24.6279, 14.3273** 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 **47.6075, 72.0475, 75.6948**, and the grayscale version is **19.4313, 20.4432, 22.2626**.

A 20% lighter version of the original color is **54.4642, 38.9004, 33.4921**, and **20.1710, 10.3243, 4.2978** is the 20% darker color. If you saturate the color by 10%, you get **40.2846, 21.9105, 9.4429**, and if you desaturate by 10%, it is **45.2352, 28.6931, 20.7071**.

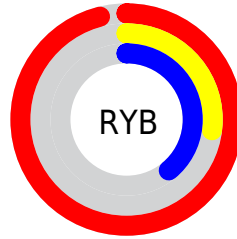
# Distribution



Red (96%)

Green (27%)

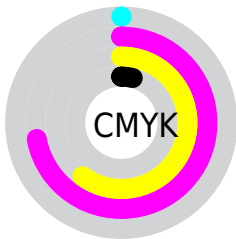
Blue (39%)



Red (96%)

Yellow (27%)

Blue (39%)

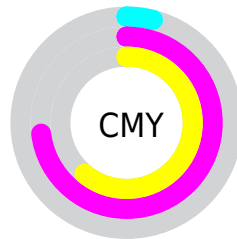


Cyan (0%)

Magenta (72%)

Yellow (60%)

Black (4%)



Cyan (4%)

Magenta (73%)


Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3253, 24.6279, 14.3273 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 42.3253, 24.6279, 14.3273 by changing the saturation by 10% instead.





 42.3253, 24.6279,  
14.3273


 42.3253, 24.6279,  
14.3273


346.7984,  
275.9798, 230.7564


 29.5483, 15.8000,  
8.2073


 77.9538, 51.0529,  
34.3941

 19.6424, 9.3828,  
4.1382


 101.5360, 69.4189,  
49.1780


 12.2421, 4.9917,  
1.7015


 129.4507, 91.7330,  
67.6869

 6.9821, 2.2424,  
0.3617


 162.0632,  
118.3797, 90.3395

 3.4972, 0.7430,  
0.0000

 199.7388,  
149.7433, 117.5542

 1.4218, 0.0000,  
0.0000

242.8430,

 0.2717, 0.0000,

186.2082, 149.7495

0.0000

291.7411,  
228.1589, 187.3441

■ 0.0000, 0.0000,  
0.0000

■ 42.3253, 24.6279,  
14.3273

■ 42.3253, 24.6279,  
14.3273

■ 40.2846, 21.9105,  
9.4429

■ 45.2352, 28.6931,  
20.7071

■ 39.0087, 20.3614,  
5.9262


■ 49.0986, 34.2475,  
28.6926


■ 38.4388, 19.7659,  
4.0584


■ 53.9919, 41.4192,  
38.3846

■ 59.9827, 50.3215,  
49.8752

■ 67.1332, 61.0571,  
63.2500

 75.5006, 73.7211,  
78.5889

 85.1384, 88.4018,  
95.9671

 91.8159, 98.3327,  
108.7486

# Harmonies

## Analogous

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



43.2140, 24.6279, 36.6291



42.3253, 24.6279, 14.3273



35.7234, 24.6279, 4.8074

# Triad

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



42.3253, 24.6279, 14.3273



13.1701, 24.6279, 6.4437



20.4638, 24.6279, 103.1508

# Complementary

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



42.3253, 24.6279, 14.3273



47.6075, 72.0475, 75.6948

# 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.



14.3087, 24.6279, 79.4280



42.3253, 24.6279, 14.3273



10.8228, 24.6279, 18.9330

# Square

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



42.3253, 24.6279, 14.3273



18.5010, 24.6279, 2.5146



11.1823, 24.6279, 45.0242



29.1141, 24.6279, 99.0260



# Rectangle

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



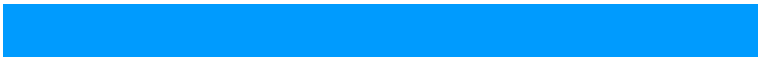
42.3253, 24.6279, 14.3273



29.6949, 24.6279, 2.6234



11.1823, 24.6279, 45.0242



18.0778, 24.6279, 97.7887

# Sweetspot

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



42.3259, 24.6293, 14.3277



73.1079, 66.6478, 69.1170



46.2499, 24.9908, 89.5745



15.1671, 13.5408, 13.9017



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.



42.3259, 24.6293, 14.3277



42.9504, 22.8210, 8.2337



46.3043, 34.5197, 9.6933



16.6169, 16.5296, 17.7291



20.5525, 10.5644, 2.3518



1.8389, 0.9415, 0.3780



# Inverse Universe

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



42.3259, 24.6293, 14.3277



42.9504, 22.8210, 8.2337



37.3541, 44.5530, 93.8192



16.6169, 16.5296, 17.7291



20.5525, 10.5644, 2.3518



1.8389, 0.9415, 0.3780



# Previews

## White Background



This preview shows how the XYZ color 42.3253, 24.6279, 14.3273 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

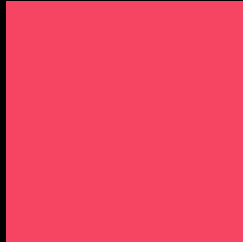
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 42.3253, 24.6279, 14.3273 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 42.3253, 24.6279, 14.3273**

## **Background**



This preview shows how black text looks on a background with the XYZ color 42.3253, 24.6279, 14.3273.



This preview shows how white text looks on a background with the XYZ color 42.3253, 24.6279,



# 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

42.3253, 24.6279, 14.3273

### Protanopia

23.6486, 24.7955, 24.6587

### Deuteranopia

25.1379, 24.5960, 13.0954



## Tritanopia

41.3432, 24.6994, 9.4259

# Trichromacy



## Original Color

42.3253, 24.6279, 14.3273

## Protanomaly

27.6046, 22.2845, 20.2992

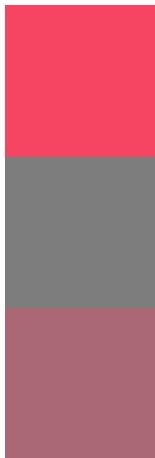
## Deuteranomaly

29.4816, 22.7750, 13.1981

## Tritanomaly

41.5097, 24.5590, 10.9401

# Monochromacy



## Original Color

42.3253, 24.6279, 14.3273

## Achromatopsia

19.4927, 20.5079, 22.3331

## Achromatomaly

24.4649, 19.5966, 19.0161

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 42.3253, 24.6279, 14.3273 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(246, 68, 99)` looks like.

```
.text, #text, p{  
    color:rgb(246, 68, 99)  
}
```

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(246, 68, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 68, 99) }
```

## Border

The CSS property to change the border of an element to XYZ 42.3253, 24.6279, 14.3273 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(246, 68, 99) }
```



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

```
.border{ border-color:rgb(246, 68, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 68, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 68, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 68, 99);  
box-shadow:4px 4px 4px 4px rgb(246, 68,  
99) }
```

# Background

The CSS property to change the background color of an element to XYZ 42.3253, 24.6279, 14.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 68, 99) }
```

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

```
.background{ background-color: rgb(246, 68,  
99) }
```

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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