

Converting Colors

XYZ(43.7025, 23.5517, 24.8845)

Have a look what the booklet for
XYZ(43.7025, 23.5517, 24.8845)
contains.

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Color

**XYZ(43.6774, 23.5284,
24.7936)**

Conversions

Conversions Part 1

Format	Color
Hex	F72F86
RGB	247, 47, 134
RGB Percent	97%, 18%, 53%
CMY	0.0314, 0.8156, 0.4745
CMYK	0.00, 0.81, 0.46, 0.03
HSL	334°, 93%, 58%
HSV	334°, 81%, 97%
XYZ	43.6774, 23.5284, 24.7936
YIQ	116.7180, 91.2730, 69.4570

Conversions

Conversions Part 2

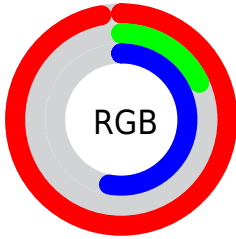
Format	Color
R_{YB}	247, 47, 134
Decimal	16199558
CIE _{Lab}	55.61, 77.17, 1.34
CIE _{LCh}	56, 77.179, 0.995
Yxy	23.5284, 0.4748, 0.2557
Android (android.graphics.Color)	4294389638 (0xFFFF72F86)
YUV	116.7180, 8.5200, 114.2573
Hunter-Lab	48.5061, 75.8450, 3.6485

Details

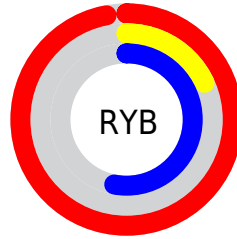
The XYZ color **43.6774, 23.5284, 24.7936** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **40.7804, 69.6649, 44.5625**, and the grayscale version is **16.7785, 17.6523, 19.2233**.

A 20% lighter version of the original color is **56.3404, 37.1093, 51.2071**, and **21.4069, 10.8462, 9.5596** is the 20% darker color. If you saturate the color by 10%, you get **42.0436, 21.7173, 19.7591**, and if you desaturate by 10%, it is **45.9987, 26.5091, 30.6915**.

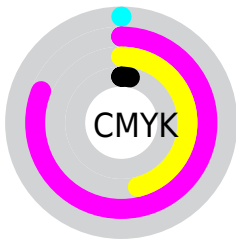
Distribution



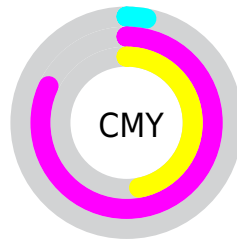
- Red (97%)
- Green (18%)
- Blue (53%)



- Red (97%)
- Yellow (18%)
- Blue (53%)



- Cyan (0%)
- Magenta (81%)
- Yellow (46%)
- Black (3%)



- Cyan (3%)
- Magenta (82%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6774, 23.5284, 24.7936 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 43.6774, 23.5284, 24.7936 by changing the saturation by 10% instead.


 43.6774, 23.5284,
24.7936


 43.6774, 23.5284,
24.7936

352.2647,
270.4275, 290.2232


 30.6138, 14.9842,
15.7057


 79.9814, 49.2595,
52.2821


 20.4553, 8.8083,
9.1641


 103.9526, 67.2152,
71.5199


 12.8366, 4.6163,
4.7501

 132.2903, 89.0768,
94.9780

 7.3924, 2.0240,
2.0452

 165.3599,
115.2287, 123.0751

 3.7572, 0.6213,
0.5829

 203.5268,
146.0553, 156.2296

 1.5657, 0.0000,
0.0000

247.1563,

 0.3699, 0.0000,

181.9411, 194.8601

0.0000

296.6139,
223.2703, 239.3851

■ 0.0000, 0.0000,
0.0000

■ 43.6774, 23.5284,
24.7936

■ 43.6774, 23.5284,
24.7936

■ 42.0436, 21.7173,
19.7591

■ 45.9987, 26.5091,
30.6915


■ 41.0345, 20.8448,
15.8905


■ 49.0926, 30.8217,
37.5039

■ 53.0329, 36.6067,
45.2776


■ 57.8837, 43.9856,
54.0553

■ 63.7027, 53.0670,
63.8761

 70.5423, 63.9499,
74.7770

 78.4515, 76.7258,
86.7929

 87.4757, 91.4798,
99.9569

 92.1678, 98.5141,
108.7651

Harmonies

Analogous

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



40.4755, 23.5284, 56.6872



43.6774, 23.5284, 24.7936



40.0446, 23.5284, 7.9882

Triad

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



43.6774, 23.5284, 24.7936



14.7894, 23.5284, 2.5620



15.1755, 23.5284, 94.7885

Complementary

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



43.6774, 23.5284, 24.7936



40.7804, 69.6649, 44.5625

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.



10.8454, 23.5284, 59.1752



43.6774, 23.5284, 24.7936



10.6667, 23.5284, 8.6709

Square

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



43.6774, 23.5284, 24.7936



22.0731, 23.5284, 1.3511



9.4346, 23.5284, 26.4613



22.6555, 23.5284, 109.9271

Rectangle

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



43.6774, 23.5284, 24.7936



34.6695, 23.5284, 3.4841



9.4346, 23.5284, 26.4613



13.3796, 23.5284, 84.0204

Sweetspot

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



43.6780, 23.5298, 24.7940



73.4612, 64.9442, 76.6653



31.7118, 15.9186, 89.3968



15.1609, 13.0050, 15.5130



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.



43.6780, 23.5298, 24.7940



44.4311, 22.6693, 18.3248



40.3351, 22.9073, 4.9868



16.7984, 16.6022, 18.6852



21.7701, 11.0515, 8.7638



1.9640, 0.9916, 1.0367

Inverse Universe

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



43.6780, 23.5298, 24.7940



44.4311, 22.6693, 18.3248



48.2460, 67.8890, 98.5567



16.7984, 16.6022, 18.6852



21.7701, 11.0515, 8.7638



1.9640, 0.9916, 1.0367

Previews

White Background



This preview shows how the XYZ color 43.6774, 23.5284, 24.7936 looks on a white background.

Color Contrast Check

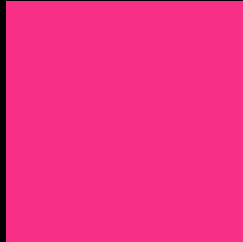
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.6774, 23.5284, 24.7936 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 43.6774, 23.5284, 24.7936

Background



This preview shows how black text looks on a background with the XYZ color 43.6774, 23.5284, 24.7936.



This preview shows how white text looks on a background with the XYZ color 43.6774, 23.5284,

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

43.6774, 23.5284, 24.7936

Protanopia

24.4063, 23.8434, 48.1156

Deuteranopia

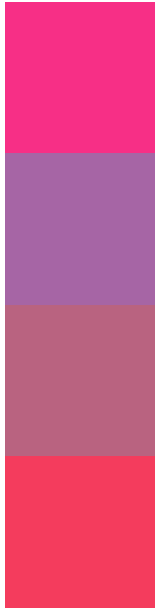
24.0660, 23.6398, 22.3633



Tritanopia

40.0435, 23.4987, 8.0554

Trichromacy



Original Color

43.6774, 23.5284, 24.7936

Protanomaly

27.1711, 20.1310, 38.0509

Deuteranomaly

28.3657, 20.7965, 22.9412

Tritanomaly

40.8999, 23.2551, 12.6890

Monochromacy



Original Color

43.6774, 23.5284, 24.7936

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

22.7121, 16.9769, 20.8187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6774, 23.5284, 24.7936 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, 47, 134)` looks like.

```
.text, #text, p{  
    color:rgb(247, 47, 134)  
}
```

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, 47, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 47, 134) }
```

Border

The CSS property to change the border of an element to XYZ 43.6774, 23.5284, 24.7936 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, 47, 134) }
```


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

```
.border{ border-color:rgb(247, 47, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 47, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 47, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 47, 134);  
box-shadow:4px 4px 4px 4px rgb(247, 47,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6774, 23.5284, 24.7936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 47, 134) }
```

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

```
.background{ background-color: rgb(247, 47,  
134) }
```

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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