

Converting Colors

XYZ(43.7576, 25.3620, 31.4432)

Have a look what the booklet for
XYZ(43.7576, 25.3620, 31.4432)
contains.

XYZ(43.7576, 25.3620, 31.4432)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.7576, 25.3620,
31.4432)**

Conversions

Conversions Part 1

Format	Color
Hex	F04896
RGB	240, 72, 150
RGB Percent	94%, 28%, 59%
CMY	0.0588, 0.7176, 0.4118
CMYK	0.00, 0.70, 0.37, 0.06
HSL	332°, 85%, 61%
HSV	332°, 70%, 94%
XYZ	43.7576, 25.3620, 31.4432
YIQ	131.1240, 75.0900, 59.8740

Conversions

Conversions Part 2

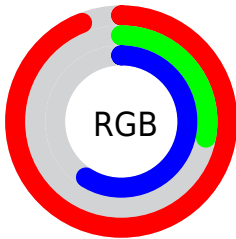
Format	Color
R_{YB}	240, 72, 150
Decimal	15747222
CIE Lab	57.43, 69.58, -5.60
CIE LCh	57, 69.810, 355.400
Yxy	25.3620, 0.4351, 0.2522
Android (android.graphics.Color)	4293937302 (0xFFFF04896)
YUV	131.1240, 9.3059, 95.4843
Hunter-Lab	50.3607, 66.9646, -1.7658

Details

The XYZ color **43.7576, 25.3620, 31.4432** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **40.3559, 66.3074, 44.8587**, and the grayscale version is **21.5682, 22.6914, 24.7109**.

A 20% lighter version of the original color is **60.3903, 42.1222, 62.0742**, and **20.8425, 10.4846, 12.7296** is the 20% darker color. If you saturate the color by 10%, you get **41.5182, 22.4503, 25.8656**, and if you desaturate by 10%, it is **46.7172, 29.5322, 37.8218**.

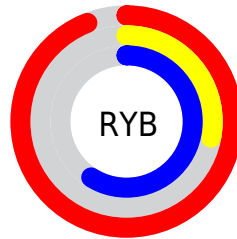
Distribution



Red (94%)

Green (28%)

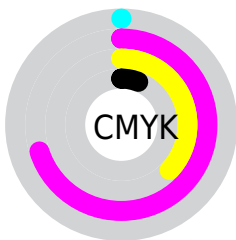
Blue (59%)



Red (94%)

Yellow (28%)

Blue (59%)

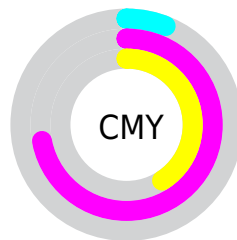


Cyan (0%)

Magenta (70%)

Yellow (37%)

Black (6%)



Cyan (6%)


Magenta (72%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7576, 25.3620, 31.4432 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 43.7576, 25.3620, 31.4432 by changing the saturation by 10% instead.

 43.7576, 25.3620,
31.4432


 43.7576, 25.3620,
31.4432


352.5871,
279.6360, 322.9892

 30.6771, 16.3470,
20.6753


 80.1015, 52.2439,
63.0249


 20.5037, 9.7700,
12.6979


 104.0955, 70.8795,
84.6758


 12.8721, 5.2467,
7.0926


 132.4582, 93.4908,
110.7914

 7.4169, 2.3927,
3.4408

 165.5547,
120.4622, 141.7902

 3.7728, 0.8222,
1.3239

 203.7505,
152.1780, 178.0909

 1.5744, 0.0000,
0.0812

247.4110,

 0.3757, 0.0000,

189.0226, 220.1119

0.0000

296.9014,
231.3805, 268.2718

■ 0.0000, 0.0000,
0.0000

■ 43.7576, 25.3620,
31.4432

■ 43.7576, 25.3620,
31.4432

■ 41.5182, 22.4503,
25.8656

■ 46.7172, 29.5322,
37.8218

■ 39.9182, 20.6414,
21.0436

■ 50.4614, 35.0841,
45.0395


■ 38.8281, 19.6826,
16.9151


■ 55.0492, 42.1306,
53.1327


■ 38.8277, 19.6823,
16.9134

■ 60.5333, 50.7718,
62.1346

■ 66.9618, 61.0990,
72.0766

 74.3793, 73.1966,
82.9882

 82.8274, 87.1432,
94.8973

 89.4031, 97.1284,
106.8502

 89.7452, 97.2653,
108.6517

Harmonies

Analogous

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



39.7640, 25.3620, 62.5265



43.7576, 25.3620, 31.4432



41.5769, 25.3620, 12.2893

Triad

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



43.7576, 25.3620, 31.4432



17.8907, 25.3620, 3.4908



16.1351, 25.3620, 84.8689

Complementary

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



43.7576, 25.3620, 31.4432



40.3559, 66.3074, 44.8587

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.



12.3769, 25.3620, 52.2100



43.7576, 25.3620, 31.4432



13.2154, 25.3620, 8.9489

Square

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



43.7576, 25.3620, 31.4432



25.4079, 25.3620, 2.5222



11.4456, 25.3620, 24.1107



22.8490, 25.3620, 102.7656

Rectangle

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



43.7576, 25.3620, 31.4432



37.1302, 25.3620, 6.1873



11.4456, 25.3620, 24.1107



14.5507, 25.3620, 74.5851

Sweetspot

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



43.7583, 25.3634, 31.4436



76.0019, 68.7515, 81.4400



32.8664, 18.5674, 84.2898



15.8134, 13.9830, 16.7385



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.



43.7583, 25.3634, 31.4436



46.7776, 24.7327, 27.2136



39.8020, 24.3868, 8.7420



16.0781, 15.8810, 17.9677



21.3206, 10.8007, 9.6048



1.8234, 0.9184, 1.0611

Inverse Universe

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



43.7583, 25.3634, 31.4436



46.7776, 24.7327, 27.2136



47.9384, 66.7433, 92.7943



16.0781, 15.8810, 17.9677



21.3206, 10.8007, 9.6048



1.8234, 0.9184, 1.0611

Previews

White Background



This preview shows how the XYZ color 43.7576, 25.3620, 31.4432 looks on a white background.

Color Contrast Check

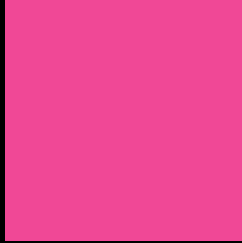
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7576, 25.3620, 31.4432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

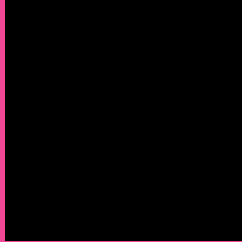
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7576, 25.3620, 31.4432

Background



This preview shows how black text looks on a background with the XYZ color 43.7576, 25.3620, 31.4432.



This preview shows how white text looks on a background with the XYZ color 43.7576, 25.3620,

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

43.7576, 25.3620, 31.4432

Protanopia

26.3446, 25.5517, 53.4126

Deuteranopia

25.9105, 25.4573, 28.7474



Tritanopia

39.9320, 25.4220, 12.9275

Trichromacy



Original Color

43.7576, 25.3620, 31.4432



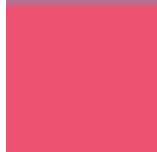
Protanomaly

29.3580, 22.9839, 44.4840



Deuteranomaly

30.2469, 23.4498, 29.3176



Tritanomaly

40.9230, 25.2314, 18.3360

Monochromacy



Original Color

43.7576, 25.3620, 31.4432



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

26.9580, 21.6448, 26.8018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7576, 25.3620, 31.4432 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(240, 72, 150)` looks like.

```
.text, #text, p{  
    color:rgb(240, 72, 150)  
}
```

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(240, 72, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 72, 150) }
```

Border

The CSS property to change the border of an element to XYZ 43.7576, 25.3620, 31.4432 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(240, 72, 150) }
```


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

```
.border{ border-color:rgb(240, 72, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 72, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 72, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 72, 150);  
box-shadow:4px 4px 4px 4px rgb(240, 72,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7576, 25.3620, 31.4432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 72, 150) }
```

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

```
.background{ background-color: rgb(240, 72,  
150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor