

Converting Colors

XYZ(37.0309, 24.0353, 24.5130)

Have a look what the booklet for
XYZ(37.0309, 24.0353, 24.5130)
contains.

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Color

**XYZ(37.0344, 24.0383,
24.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5A84
RGB	219, 90, 132
RGB Percent	86%, 35%, 52%
CMY	0.1412, 0.6470, 0.4824
CMYK	0.00, 0.59, 0.40, 0.14
HSL	340°, 64%, 61%
HSV	340°, 59%, 86%
XYZ	37.0344, 24.0383, 24.5177
YIQ	133.3590, 63.4020, 40.4100

Conversions

Conversions Part 2

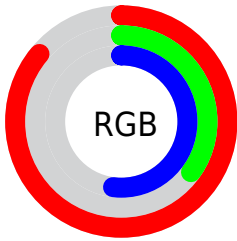
Format	Color
R_{YB}	219, 90, 132
Decimal	14375556
CIE _{Lab}	56.13, 54.31, 2.68
CIE _{LCh}	56, 54.373, 2.825
Yxy	24.0383, 0.4327, 0.2809
Android (android.graphics.Color)	4292565636 (0xFFDB5A84)
YUV	133.3590, -0.6700, 75.1072
Hunter-Lab	49.0289, 49.0311, 4.6713

Details

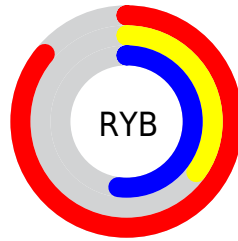
The XYZ color **37.0344, 24.0383, 24.5177** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **37.4851, 56.0116, 50.4341**, and the grayscale version is **22.4122, 23.5794, 25.6780**.

A 20% lighter version of the original color is **60.1224, 45.0136, 51.4186**, and **16.5485, 9.0781, 9.0637** is the 20% darker color. If you saturate the color by 10%, you get **34.5114, 20.4971, 19.0380**, and if you desaturate by 10%, it is **40.2458, 28.7273, 30.9334**.

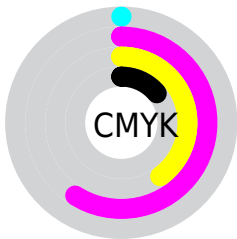
Distribution



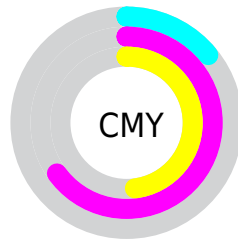
- Red (86%)
- Green (35%)
- Blue (52%)



- Red (86%)
- Yellow (35%)
- Blue (52%)



- Cyan (0%)
- Magenta (59%)
- Yellow (40%)
- Black (14%)





- Cyan (14%)
- Magenta (65%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0344, 24.0383, 24.5177 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 37.0344, 24.0383, 24.5177 by changing the saturation by 10% instead.


 37.0344, 24.0383,
24.5177


 37.0344, 24.0383,
24.5177


324.8124,
273.0141, 288.7978

 25.4079, 15.3620,
15.5024


 69.9392, 50.0927,
51.8281


 16.5116, 9.0739,
9.0222


 91.9482, 68.2396,
70.9602

 9.9800, 4.7894,
4.6586


 118.1488, 90.3122,
94.3016

 5.4479, 2.1242,
1.9932

 148.9062,
116.6949, 122.2710

 2.5498, 0.6782,
0.5511

184.5860,
147.7720, 155.2867

 0.9204, 0.0000,
0.0000

225.5533,

 0.0000, 0.0000,

183.9280, 193.7674

0.0000

272.1737,
225.5472, 238.1316

■ 37.0344, 24.0383,
24.5177

■ 37.0344, 24.0383,
24.5177

■ 34.5114, 20.4971,
19.0380

■ 40.2458, 28.7273,
30.9334

■ 32.6196, 17.9987,
14.4451

■ 44.1928, 34.6494,
38.3279

■ 31.2950, 16.4255,
10.6861

■ 48.9202, 41.8858,
46.7427

■ 30.4394, 15.5923,
7.6945

■ 54.4688, 50.5100,
56.2164

■ 30.3602, 15.5188,
7.4062

■ 60.8764, 60.5898,
66.7854

■ 68.1785, 72.1887,
78.4843

■ 76.4084, 85.3662,
91.3462

■ 82.2545, 93.4925,
104.2884

■ 83.0234, 93.8000,
108.3372

Harmonies

Analogous

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



35.2577, 24.0383, 45.1932



37.0344, 24.0383, 24.5177



34.4746, 24.0383, 11.6254

Triad

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



37.0344, 24.0383, 24.5177



16.9459, 24.0383, 6.6252



17.7984, 24.0383, 70.1373

Complementary

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



37.0344, 24.0383, 24.5177



37.4851, 56.0116, 50.4341

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.



14.1819, 24.0383, 49.5441



37.0344, 24.0383, 24.5177



13.7563, 24.0383, 13.4164

Square

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



37.0344, 24.0383, 24.5177



22.2619, 24.0383, 4.6780



12.8441, 24.0383, 27.9025



23.4436, 24.0383, 77.6196

Rectangle

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



37.0344, 24.0383, 24.5177



30.8839, 24.0383, 7.2414



12.8441, 24.0383, 27.9025



16.3425, 24.0383, 64.1670

Sweetspot

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



37.0351, 24.0396, 24.5181



77.5253, 72.2941, 80.4195



34.3480, 21.6584, 69.3879



16.0695, 14.6548, 16.3319



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.



37.0351, 24.0396, 24.5181



47.9115, 27.8413, 24.9993



36.7990, 27.2780, 13.0002



13.2299, 13.1211, 14.4720



18.0470, 9.2199, 4.6278



1.2080, 0.6128, 0.5044

Inverse Universe

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



37.0351, 24.0396, 24.5181



47.9115, 27.8413, 24.9993



37.0836, 47.4490, 74.2218



13.2299, 13.1211, 14.4720



18.0470, 9.2199, 4.6278



1.2080, 0.6128, 0.5044

Previews

White Background



This preview shows how the XYZ color 37.0344, 24.0383, 24.5177 looks on a white background.

Color Contrast Check

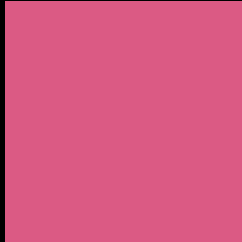
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0344, 24.0383, 24.5177 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 37.0344, 24.0383, 24.5177

Background



This preview shows how black text looks on a background with the XYZ color 37.0344, 24.0383, 24.5177.



This preview shows how white text looks on a background with the XYZ color 37.0344, 24.0383,

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

37.0344, 24.0383, 24.5177

Protanopia

23.9026, 24.2646, 35.7715

Deuteranopia

24.5110, 24.0509, 23.0891



Tritanopia

35.1964, 24.0768, 15.3626

Trichromacy



Original Color

37.0344, 24.0383, 24.5177

Protanomaly

26.8035, 22.8082, 31.4235

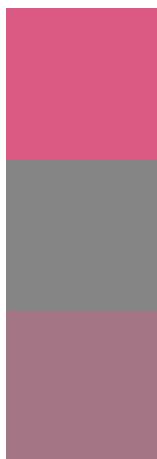
Deuteranomaly

27.9315, 23.0501, 23.3990

Tritanomaly

35.8968, 24.1031, 18.3832

Monochromacy



Original Color

37.0344, 24.0383, 24.5177

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

25.9048, 22.3085, 25.1310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0344, 24.0383, 24.5177 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(219, 90, 132)` looks like.

```
.text, #text, p{  
    color:rgb(219, 90, 132)  
}
```

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(219, 90, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 90, 132) }
```

Border

The CSS property to change the border of an element to XYZ 37.0344, 24.0383, 24.5177 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(219, 90, 132) }
```


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

```
.border{ border-color:rgb(219, 90, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 90, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 90, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 90, 132);  
box-shadow:4px 4px 4px 4px rgb(219, 90,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0344, 24.0383, 24.5177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 90, 132) }
```

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

```
.background{ background-color: rgb(219, 90,  
132) }
```

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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