

Converting Colors

XYZ(37.0985, 24.1652, 26.0016)

Have a look what the booklet for
XYZ(37.0985, 24.1652, 26.0016)
contains.

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Color

**XYZ(37.0985, 24.1652,
26.0016)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5B88
RGB	218, 91, 136
RGB Percent	85%, 36%, 53%
CMY	0.1451, 0.6431, 0.4667
CMYK	0.00, 0.58, 0.38, 0.15
HSL	339°, 63%, 61%
HSV	339°, 58%, 85%
XYZ	37.0985, 24.1652, 26.0016
YIQ	134.1030, 61.2470, 40.9190

Conversions

Conversions Part 2

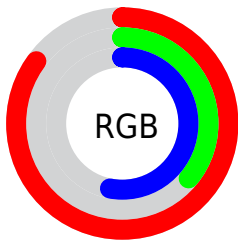
Format	Color
R_{YB}	218, 91, 136
Decimal	14310280
CIE _{Lab}	56.25, 53.97, 0.49
CIE _{LCh}	56, 53.974, 0.522
Yxy	24.1652, 0.4251, 0.2769
Android (android.graphics.Color)	4292500360 (0xFFDA5B88)
YUV	134.1030, 0.9352, 73.5777
Hunter-Lab	49.1581, 48.6832, 3.0499

Details

The XYZ color **37.0985, 24.1652, 26.0016** 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 **36.9300, 55.3848, 48.2826**, and the grayscale version is **22.6797, 23.8608, 25.9844**.

A 20% lighter version of the original color is **60.7042, 45.4919, 53.7255**, and **16.5216, 9.1305, 9.6957** is the 20% darker color. If you saturate the color by 10%, you get **34.5625, 20.5905, 20.5405**, and if you desaturate by 10%, it is **40.3083, 28.8772, 32.3360**.

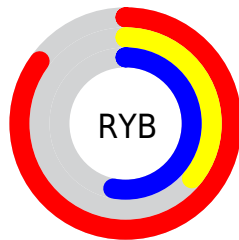
Distribution



Red (85%)

Green (36%)

Blue (53%)



Red (85%)

Yellow (36%)

Blue (53%)

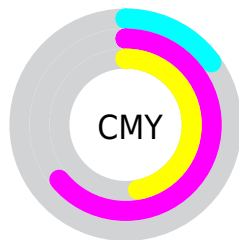


Cyan (0%)

Magenta (58%)

Yellow (38%)

Black (15%)



Cyan (15%)


Magenta (64%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0985, 24.1652, 26.0016 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 37.0985, 24.1652, 26.0016 by changing the saturation by 10% instead.

 37.0985, 24.1652,
26.0016


 37.0985, 24.1652,
26.0016


325.0849,
273.6546, 296.3957


 25.4578, 15.4562,
16.5991


 70.0371, 50.2996,
54.2616

 16.5490, 9.1402,
9.7901


 92.0657, 68.4939,
73.9562

 10.0068, 4.8327,
5.1562


 118.2876, 90.6187,
97.9186

 5.4657, 2.1495,
2.2789

 149.0683,
117.0584, 126.5672

 2.5606, 0.6922,
0.7194

184.7730,
148.1975, 160.3207

 0.9259, 0.0000,
0.0000

225.7671,

 0.0000, 0.0000,

184.4203, 199.5976

0.0000

272.4159,
226.1112, 244.8164

■ 37.0985, 24.1652,
26.0016

■ 37.0985, 24.1652,
26.0016

■ 34.5625, 20.5905,
20.5405

■ 40.3083, 28.8772,
32.3360

■ 32.6450, 18.0507,
15.9085

■ 44.2375, 34.8099,
39.5820

■ 31.2844, 16.4310,
12.0587

■ 48.9294, 42.0429,
47.7767

■ 30.3915, 15.5628,
8.9326

■ 54.4235, 50.6482,
56.9547

■ 30.2614, 15.4446,
8.4513

■ 60.7565, 60.6923,
67.1488

■ 67.9627, 72.2374,
78.3902

■ 76.0744, 85.3421,
90.7085

■ 81.7117, 93.2407,
102.9954

■ 82.7235, 93.6454,
108.3231

Harmonies

Analogous

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



35.0114, 24.1652, 46.9848



37.0985, 24.1652, 26.0016



34.8676, 24.1652, 12.4843

Triad

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



37.0985, 24.1652, 26.0016



17.4216, 24.1652, 6.4784



17.5788, 24.1652, 68.7261

Complementary

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



37.0985, 24.1652, 26.0016



36.9300, 55.3848, 48.2826

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.



14.1406, 24.1652, 47.7832



37.0985, 24.1652, 26.0016



14.0621, 24.1652, 12.8153

Square

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



37.0985, 24.1652, 26.0016



22.8597, 24.1652, 4.7899



12.9769, 24.1652, 26.6244



23.0772, 24.1652, 77.4670

Rectangle

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



37.0985, 24.1652, 26.0016



31.4280, 24.1652, 7.7578



12.9769, 24.1652, 26.6244



16.1818, 24.1652, 62.5221

Sweetspot

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



37.0992, 24.1665, 26.0020



78.5624, 73.7187, 82.7679



33.2864, 21.2524, 68.6775



16.4496, 15.2017, 17.1162



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.



37.0992, 24.1665, 26.0020



48.5737, 28.3839, 27.6299



36.1583, 26.3733, 13.0840



13.2456, 13.1274, 14.5548



18.1763, 9.2715, 5.3082



1.2177, 0.6167, 0.5554

Inverse Universe

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



37.0992, 24.1665, 26.0020



48.5737, 28.3839, 27.6299



37.8724, 49.0914, 73.8092



13.2456, 13.1274, 14.5548



18.1763, 9.2715, 5.3082



1.2177, 0.6167, 0.5554

Previews

White Background



This preview shows how the XYZ color 37.0985, 24.1652, 26.0016 looks on a white background.

Color Contrast Check

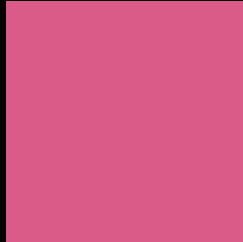
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0985, 24.1652, 26.0016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

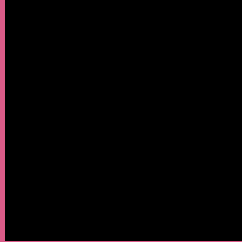
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.0985, 24.1652, 26.0016

Background



This preview shows how black text looks on a background with the XYZ color 37.0985, 24.1652, 26.0016.



This preview shows how white text looks on a background with the XYZ color 37.0985, 24.1652,

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

37.0985, 24.1652, 26.0016

Protanopia

24.0999, 24.3260, 37.6076

Deuteranopia

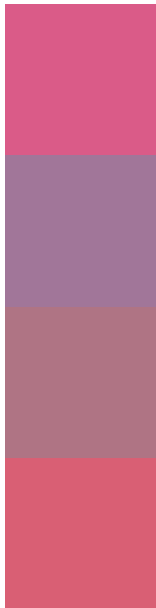
24.7232, 24.3283, 24.5119



Tritanopia

35.0923, 24.1478, 15.9081

Trichromacy



Original Color

37.0985, 24.1652, 26.0016

Protanomaly

26.9261, 22.8338, 33.1252

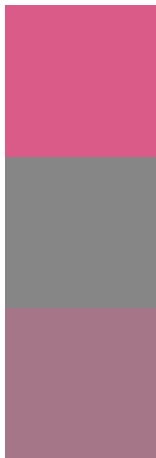
Deuteranomaly

28.0894, 23.2707, 24.8410

Tritanomaly

35.8599, 24.1971, 19.3035

Monochromacy



Original Color

37.0985, 24.1652, 26.0016

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.3687, 22.7055, 25.9145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0985, 24.1652, 26.0016 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(218, 91, 136)` looks like.

```
.text, #text, p{  
    color:rgb(218, 91, 136)  
}
```

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(218, 91, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 91, 136) }
```

Border

The CSS property to change the border of an element to XYZ 37.0985, 24.1652, 26.0016 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(218, 91, 136) }
```


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

```
.border{ border-color:rgb(218, 91, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 91, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 91, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 91, 136);  
box-shadow:4px 4px 4px 4px rgb(218, 91,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0985, 24.1652, 26.0016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 91, 136) }
```

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

```
.background{ background-color: rgb(218, 91,  
136) }
```

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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