

Converting Colors

XYZ(40.0689, 24.1484, 31.6294)

Have a look what the booklet for
XYZ(40.0689, 24.1484, 31.6294)
contains.

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Color

**XYZ(40.0604, 24.1572,
31.8295)**

Conversions

Conversions Part 1

Format	Color
Hex	E34F97
RGB	227, 79, 151
RGB Percent	89%, 31%, 59%
CMY	0.1098, 0.6902, 0.4078
CMYK	0.00, 0.65, 0.33, 0.11
HSL	331°, 73%, 60%
HSV	331°, 65%, 89%
XYZ	40.0604, 24.1572, 31.8295
YIQ	131.4600, 65.0960, 53.7680

Conversions

Conversions Part 2

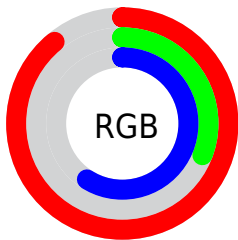
Format	Color
RYB	227, 79, 151
Decimal	14897047
CIELab	56.24, 63.48, -8.18
CIElCh	56, 64.007, 352.662
Yxy	24.1572, 0.4171, 0.2515
Android (android.graphics.Color)	4293087127 (0xFFE34F97)
YUV	131.4600, 9.6332, 83.7886
Hunter-Lab	49.1500, 59.4766, -3.9912

Details

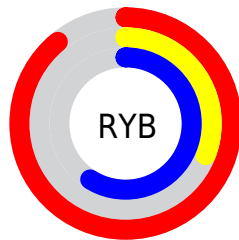
The XYZ color **40.0604, 24.1572, 31.8295** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **36.6113, 58.9676, 40.4662**, and the grayscale version is **21.6894, 22.8189, 24.8498**.

A 20% lighter version of the original color is **61.0636, 43.2761, 62.8923**, and **18.2366, 9.1356, 12.8588** is the 20% darker color. If you saturate the color by 10%, you get **37.7930, 21.0634, 26.6314**, and if you desaturate by 10%, it is **42.9816, 28.4085, 37.7078**.

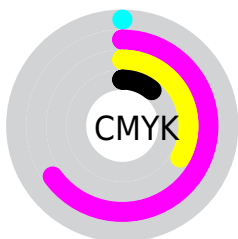
Distribution



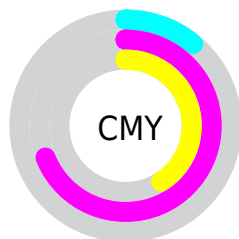
- Red (89%)
- Green (31%)
- Blue (59%)



- Red (89%)
- Yellow (31%)
- Blue (59%)



- Cyan (0%)
- Magenta (65%)
- Yellow (33%)
- Black (11%)





- Cyan (11%)
- Magenta (69%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0604, 24.1572, 31.8295 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 40.0604, 24.1572, 31.8295 by changing the saturation by 10% instead.


 40.0604, 24.1572,
31.8295


 40.0604, 24.1572,
31.8295


337.5081,
273.6143, 324.8106


 27.7701, 15.4503,
20.9676


 74.5392, 50.2866,
63.6385


 18.2920, 9.1360,
12.9093


 97.4584, 68.4779,
85.4226

 11.2608, 4.8300,
7.2361


 124.6513, 90.5994,
111.6846

 6.3111, 2.1479,
3.5295

 156.4832,
117.0355, 142.8429

 3.0776, 0.6913,
1.3710

193.3195,
148.1707, 179.3162

 1.1949, 0.0000,
0.1189

235.5255,

 0.1024, 0.0000,

184.3893, 221.5228

0.0000

283.4666,
226.0757, 269.8814

■ 0.0000, 0.0000,
0.0000

■ 40.0604, 24.1572,
31.8295

■ 40.0604, 24.1572,
31.8295

■ 37.7930, 21.0634,
26.6314

■ 42.9816, 28.4085,
37.7078

■ 36.1151, 19.0029,
22.0782

■ 46.6083, 33.9171,
44.2958


■ 34.9512, 17.8298,
18.1310


■ 50.9892, 40.7761,
51.6222


■ 34.5163, 17.4660,
16.4259

■ 56.1678, 49.0688,
59.7134

■ 62.1843, 58.8716,
68.5941

 69.0759, 70.2556,
78.2879

 76.8776, 83.2872,
88.8172

 83.8071, 94.3983,
99.5982

 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



36.1575, 24.1572, 59.3578



40.0604, 24.1572, 31.8295



38.6609, 24.1572, 13.5691

Triad

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



40.0604, 24.1572, 31.8295



17.9262, 24.1572, 3.8238



15.3994, 24.1572, 73.5074

Complementary

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



40.0604, 24.1572, 31.8295



36.6113, 58.9676, 40.4662

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.



12.2169, 24.1572, 45.2235



40.0604, 24.1572, 31.8295



13.4432, 24.1572, 8.5783

Square

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



40.0604, 24.1572, 31.8295



24.8170, 24.1572, 3.1011



11.5864, 24.1572, 21.4565



21.1994, 24.1572, 90.4982

Rectangle

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



40.0604, 24.1572, 31.8295



35.0253, 24.1572, 7.2826



11.5864, 24.1572, 21.4565



14.0435, 24.1572, 64.4613

Sweetspot

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



40.0611, 24.1585, 31.8299



76.9491, 70.0922, 83.4628



29.7994, 17.9120, 74.5598



16.0052, 14.2465, 17.1730



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.



40.0611, 24.1585, 31.8299



48.3970, 26.3932, 32.6186



35.8867, 22.4887, 9.8481



14.6677, 14.4843, 16.4504



20.1885, 10.2096, 9.8877



1.5387, 0.7732, 0.9771

Inverse Universe

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



40.0611, 24.1585, 31.8299



48.3970, 26.3932, 32.6186



44.5594, 62.1468, 82.3200



14.6677, 14.4843, 16.4504



20.1885, 10.2096, 9.8877



1.5387, 0.7732, 0.9771

Previews

White Background



This preview shows how the XYZ color 40.0604, 24.1572, 31.8295 looks on a white background.

Color Contrast Check

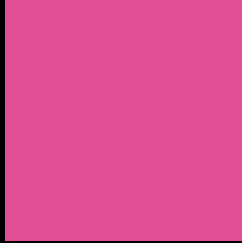
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0604, 24.1572, 31.8295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

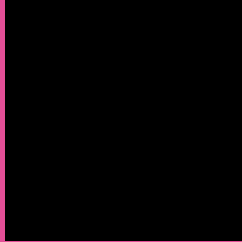
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.0604, 24.1572, 31.8295

Background



This preview shows how black text looks on a background with the XYZ color 40.0604, 24.1572, 31.8295.



This preview shows how white text looks on a background with the XYZ color 40.0604, 24.1572,

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

40.0604, 24.1572, 31.8295

Protanopia

25.2099, 24.6030, 50.9971

Deuteranopia

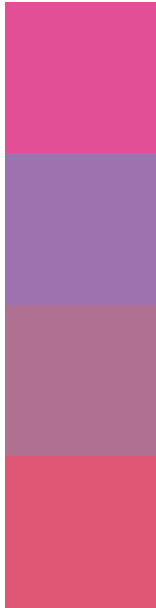
24.7513, 24.2355, 29.3600



Tritanopia

36.4632, 24.2241, 14.3092

Trichromacy



Original Color

40.0604, 24.1572, 31.8295

Protanomaly

27.8557, 22.3989, 43.4127

Deuteranomaly

28.6617, 22.7776, 30.0800

Tritanomaly

37.3596, 23.9480, 19.4830

Monochromacy



Original Color

40.0604, 24.1572, 31.8295

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

26.1075, 21.5303, 26.8245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0604, 24.1572, 31.8295 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(227, 79, 151)` looks like.

```
.text, #text, p{  
    color:rgb(227, 79, 151)  
}
```

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(227, 79, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 79, 151) }
```

Border

The CSS property to change the border of an element to XYZ 40.0604, 24.1572, 31.8295 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(227, 79, 151) }
```


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

```
.border{ border-color:rgb(227, 79, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 79, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 79, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 79, 151);  
box-shadow:4px 4px 4px 4px rgb(227, 79,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0604, 24.1572, 31.8295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 79, 151) }
```

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

```
.background{ background-color: rgb(227, 79,  
151) }
```

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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