

Converting Colors

XYZ(38.7977, 24.3233, 30.6639)

Have a look what the booklet for
XYZ(38.7977, 24.3233, 30.6639)
contains.

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Color

**XYZ(38.7973, 24.3233,
30.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	DE5694
RGB	222, 86, 148
RGB Percent	87%, 34%, 58%
CMY	0.1294, 0.6627, 0.4196
CMYK	0.00, 0.61, 0.33, 0.13
HSL	333°, 67%, 60%
HSV	333°, 61%, 87%
XYZ	38.7973, 24.3233, 30.6670
YIQ	133.7320, 61.1540, 48.1140

Conversions

Conversions Part 2

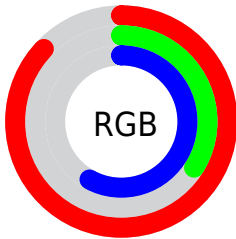
Format	Color
R _Y B	222, 86, 148
Decimal	14571156
CIE Lab	56.41, 58.79, -6.25
CIE LCh	56, 59.120, 353.927
Yxy	24.3233, 0.4137, 0.2593
Android (android.graphics.Color)	4292761236 (0xFFDE5694)
YUV	133.7320, 7.0341, 77.4110
Hunter-Lab	49.3187, 54.1122, -2.3443

Details

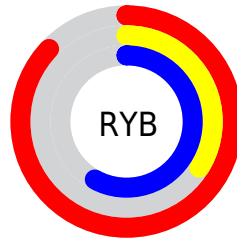
The XYZ color **38.7973, 24.3233, 30.6670** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **36.3056, 56.7598, 42.3033**, and the grayscale version is **22.5220, 23.6949, 25.8038**.

A 20% lighter version of the original color is **61.5737, 44.8703, 61.2927**, and **17.5488, 9.2234, 12.1646** is the 20% darker color. If you saturate the color by 10%, you get **36.3851, 20.9501, 25.3890**, and if you desaturate by 10%, it is **41.8610, 28.8395, 36.6549**.

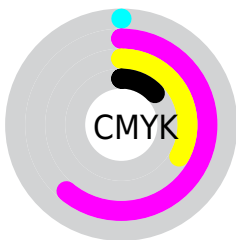
Distribution



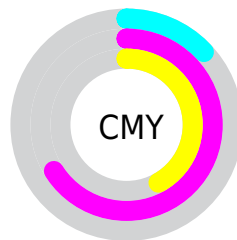
- Red (87%)
- Green (34%)
- Blue (58%)



- Red (87%)
- Yellow (34%)
- Blue (58%)



- Cyan (0%)
- Magenta (61%)
- Yellow (33%)
- Black (13%)





- Cyan (13%)
- Magenta (66%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7973, 24.3233, 30.6670 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 38.7973, 24.3233, 30.6670 by changing the saturation by 10% instead.


 38.7973, 24.3233,
30.6670


 38.7973, 24.3233,
30.6670

332.2500,
274.4509, 319.3048


 26.7821, 15.5736,
20.0891


 72.6246, 50.5573,
61.7888


 17.5454, 9.2229,
12.2751


 95.1674, 68.8103,
83.1698

 10.7218, 4.8869,
6.8065


 121.9502, 91.0000,
108.9889

 5.9460, 2.1810,
3.2648

 153.3382,
117.5106, 139.6646

 2.8526, 0.7096,
1.2314

189.6968,
148.7267, 175.6156

 1.0763, 0.0000,
0.0045

231.3914,

 0.0052, 0.0000,

185.0325, 217.2602

0.0000

278.7873,
226.8124, 265.0171

■ 0.0000, 0.0000,
0.0000

■ 38.7973, 24.3233,
30.6670

■ 38.7973, 24.3233,
30.6670

■ 36.3851, 20.9501,
25.3890

■ 41.8610, 28.8395,
36.6549

■ 34.5664, 18.6091,
20.7860

■ 45.6231, 34.5883,
43.3823

■ 33.2754, 17.1738,
16.8205

■ 50.1284, 41.6547,
50.8779

■ 32.4830, 16.4731,
13.8309

■ 55.4172, 50.1149,
59.1685

■ 61.5268, 60.0395,
68.2793

■ 68.4921, 71.4940,
78.2342

■ 76.3457, 84.5401,
89.0562

■ 82.3109, 93.6203,
99.8312

■ 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



35.4458, 24.3233, 55.3889



38.7973, 24.3233, 30.6670



37.3260, 24.3233, 13.9675

Triad

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



38.7973, 24.3233, 30.6670



18.1892, 24.3233, 4.8314



16.2138, 24.3233, 70.0195

Complementary

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



38.7973, 24.3233, 30.6670



36.3056, 56.7598, 42.3033

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.



13.0694, 24.3233, 44.8619



38.7973, 24.3233, 30.6670



14.0428, 24.3233, 9.9333

Square

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



38.7973, 24.3233, 30.6670



24.5364, 24.3233, 3.9230



12.3611, 24.3233, 22.6997



21.7564, 24.3233, 84.2801

Rectangle

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



38.7973, 24.3233, 30.6670



33.9299, 24.3233, 8.0182



12.3611, 24.3233, 22.6997



14.8889, 24.3233, 62.0996

Sweetspot

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



38.7980, 24.3246, 30.6674



78.3513, 72.6245, 84.7688



30.7197, 19.2544, 71.2047



16.2695, 14.7348, 17.3850



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.



38.7980, 24.3246, 30.6674



48.8995, 27.4691, 32.5681



35.5062, 23.6055, 11.4907



13.9658, 13.8039, 15.5899



19.3488, 9.8065, 8.5028



1.3859, 0.6976, 0.8250

Inverse Universe

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



38.7980, 24.3246, 30.6674



48.8995, 27.4691, 32.5681



41.9567, 57.1196, 77.9212



13.9658, 13.8039, 15.5899



19.3488, 9.8065, 8.5028



1.3859, 0.6976, 0.8250

Previews

White Background



This preview shows how the XYZ color 38.7973, 24.3233, 30.6670 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 38.7973, 24.3233, 30.6670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

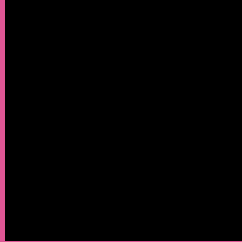
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.7973, 24.3233, 30.6670

Background



This preview shows how black text looks on a background with the XYZ color 38.7973, 24.3233, 30.6670.



This preview shows how white text looks on a background with the XYZ color 38.7973, 24.3233,

30.6670.

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

38.7973, 24.3233, 30.6670

Protanopia

24.9317, 24.5564, 46.6058

Deuteranopia

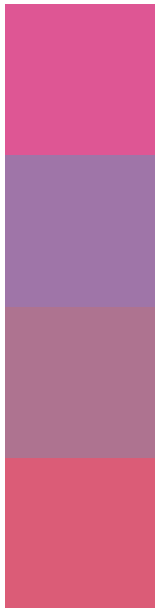
24.9130, 24.5366, 28.6223



Tritanopia

35.4946, 24.2305, 15.3766

Trichromacy



Original Color

38.7973, 24.3233, 30.6670

Protanomaly

27.7272, 22.9207, 40.0085

Deuteranomaly

28.6203, 23.2738, 29.3694

Tritanomaly

36.3703, 24.0463, 20.1772

Monochromacy



Original Color

38.7973, 24.3233, 30.6670

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.7474, 22.6937, 27.3967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7973, 24.3233, 30.6670 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(222, 86, 148)` looks like.

```
.text, #text, p{  
    color:rgb(222, 86, 148)  
}
```

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(222, 86, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 86, 148) }
```

Border

The CSS property to change the border of an element to XYZ 38.7973, 24.3233, 30.6670 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(222, 86, 148) }
```


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

```
.border{ border-color:rgb(222, 86, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 86, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 86, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 86, 148);  
box-shadow:4px 4px 4px 4px rgb(222, 86,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7973, 24.3233, 30.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 86, 148) }
```

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

```
.background{ background-color: rgb(222, 86,  
148) }
```

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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