

Converting Colors

$Y_{xy}(40.3261, 0.3239, 0.2631)$

Have a look what the booklet for
Yxy(40.3261, 0.3239, 0.2631)
contains.

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Color

Yxy(40.2473, 0.3234, 0.2623)

Conversions

Conversions Part 1

Format	Color
Hex	D695CE
RGB	214, 149, 206
RGB Percent	84%, 58%, 81%
CMY	0.1608, 0.4157, 0.1920
CMYK	0.00, 0.30, 0.04, 0.16
HSL	307°, 44%, 71%
HSV	307°, 30%, 84%
XYZ	49.6225, 40.2473, 63.5702
YIQ	174.9330, 20.4430, 31.5070

Conversions

Conversions Part 2

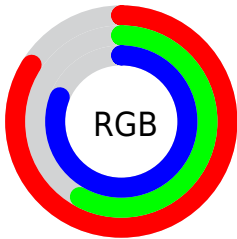
Format	Color
R_{YB}	214, 149, 206
Decimal	14063054
CIE _{Lab}	69.65, 33.45, -19.49
CIE _{LCh}	70, 38.714, 329.766
Yxy	40.2473, 0.3234, 0.2623
Android (android.graphics.Color)	4292253134 (0xFFD695CE)
YUV	174.9330, 15.3160, 34.2618
Hunter-Lab	63.4408, 28.5989, -15.0024

Details

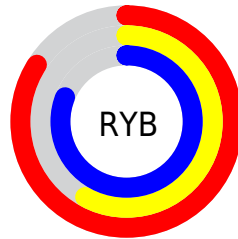
The Yxy color **40.2473, 0.3234, 0.2623** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.9143, 0.3036, 0.4064**, and the grayscale version is **42.7462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6657, 0.3151, 0.2792**, and **18.0855, 0.3246, 0.2442** is the 20% darker color. If you saturate the color by 10%, you get **33.9621, 0.3277, 0.2407**, and if you desaturate by 10%, it is **47.7823, 0.3195, 0.2845**.

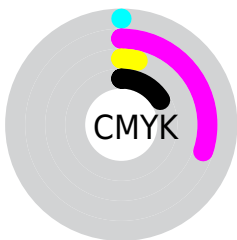
Distribution



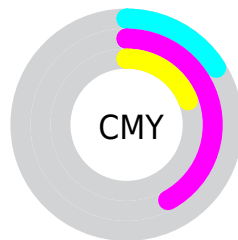
- Red (84%)
- Green (58%)
- Blue (81%)



- Red (84%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (4%)
- Black (16%)




- Cyan (16%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2473, 0.3234, 0.2623 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 Yxy color 40.2473, 0.3234, 0.2623 by changing the saturation by 10% instead.


 40.2473, 0.3234,
0.2623


 40.2473, 0.3234,
0.2623


347.1648, 0.3187,
0.2945

 27.7314, 0.3244,
0.2546


 75.5399, 0.3219,
0.2738

 18.1233, 0.3255,
0.2449


 99.0855, 0.3212,
0.2781

 11.0385, 0.3268,
0.2324


127.0764, 0.3207,
0.2819

 6.0928, 0.3283,
0.2156

159.8970, 0.3202,
0.2851

 2.9016, 0.3297,
0.1921

197.9318, 0.3198,
0.2879

 1.0806, 0.3304,
0.1573

241.5651, 0.3194,

 0.0000, 0.3633,

0.2904


0.0000

291.1813, 0.3190,
0.2926

 0.0000, 0.0000,
0.0000


 40.2473, 0.3234,
0.2623

 40.2473, 0.3234,
0.2623


 33.9621, 0.3277,
0.2407


 47.7823, 0.3195,
0.2845


 28.8530, 0.3323,
0.2208


 56.6246, 0.3159,
0.3067


 24.8471, 0.3370,
0.2034


 66.8349, 0.3128,
0.3282


 21.8609, 0.3418,
0.1894


 78.4683, 0.3101,
0.3487

 19.7994, 0.3464,
0.1797


 90.9376, 0.3078,
0.3669

 18.5492, 0.3508,
0.1744

 91.0768, 0.3063,
0.3640

 17.9178, 0.3548,
0.1728

 91.2182, 0.3049,
0.3612

 91.3618, 0.3034,
0.3584

 91.5076, 0.3020,
0.3555

Harmonies

Analogous

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



40.2473, 0.2686, 0.2427



40.2473, 0.3234, 0.2623



40.2473, 0.3799, 0.2964

Triad

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



40.2473, 0.3234, 0.2623



40.2473, 0.3984, 0.4186



40.2473, 0.2173, 0.3044

Complementary

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



40.2473, 0.3234, 0.2623



56.9143, 0.3036, 0.4064

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.



40.2473, 0.2464, 0.3614



40.2473, 0.3234, 0.2623



40.2473, 0.3503, 0.4326

Square

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



40.2473, 0.3234, 0.2623



40.2473, 0.4245, 0.3827



40.2473, 0.2945, 0.4121



40.2473, 0.2116, 0.2620

Rectangle

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



40.2473, 0.3234, 0.2623



40.2473, 0.4087, 0.3242



40.2473, 0.2945, 0.4121



40.2473, 0.2244, 0.3225

Sweetspot

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



40.2491, 0.3234, 0.2623



86.0417, 0.3155, 0.3095



33.4764, 0.2654, 0.2420



17.9678, 0.3160, 0.3063



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.2491, 0.3234, 0.2623



54.0426, 0.3259, 0.2493



38.8437, 0.3546, 0.2987



12.6053, 0.3156, 0.3088



10.8409, 0.3542, 0.1725



0.6614, 0.3477, 0.1689

Inverse Universe

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



40.2491, 0.3234, 0.2623



54.0426, 0.3259, 0.2493



58.1591, 0.2838, 0.3617



12.6053, 0.3156, 0.3088



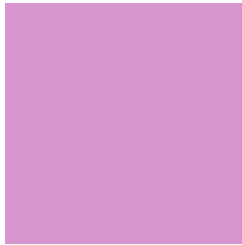
10.8409, 0.3542, 0.1725



0.6614, 0.3477, 0.1689

Previews

White Background



This preview shows how the Yxy color 40.2473, 0.3234, 0.2623 looks on a white background.

Color Contrast Check

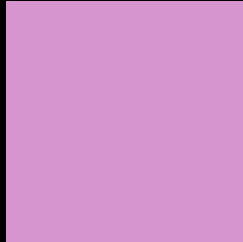
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 40.2473, 0.3234, 0.2623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

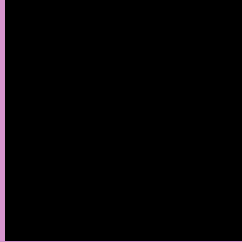
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2473, 0.3234, 0.2623

Background



This preview shows how black text looks on a background with the Yxy color 40.2473, 0.3234, 0.2623.



This preview shows how white text looks on a background with the Yxy color 40.2473, 0.3234, 0.2623.

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

40.2473, 0.3234, 0.2623

Protanopia

40.7113, 0.2644, 0.2624

Deuteranopia

40.6072, 0.2871, 0.2817



Tritanopia

40.1594, 0.3540, 0.3142

Trichromacy



Original Color

40.2473, 0.3234, 0.2623

Protanomaly

40.2119, 0.2837, 0.2619

Deuteranomaly

40.0660, 0.2999, 0.2734

Tritanomaly

40.0087, 0.3428, 0.2937

Monochromacy



Original Color

40.2473, 0.3234, 0.2623

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.6364, 0.3167, 0.3032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2473, 0.3234, 0.2623 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(214, 149, 206)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 206)  
}
```

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(214, 149, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 206) }
```

Border

The CSS property to change the border of an element to Yxy 40.2473, 0.3234, 0.2623 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(214, 149, 206) }
```

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

```
.border{ border-color:rgb(214, 149, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 149, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2473, 0.3234, 0.2623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 206) }
```

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

```
.background{ background-color: rgb(214,  
149, 206) }
```

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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