

Converting Colors

$Y_{xy}(40.7567, 0.3150, 0.2535)$

Have a look what the booklet for
Yxy(40.7567, 0.3150, 0.2535)
contains.

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Color

Yxy(40.5473, 0.3144, 0.2527)

Conversions

Conversions Part 1

Format	Color
Hex	D595D7
RGB	213, 149, 215
RGB Percent	84%, 58%, 84%
CMY	0.1648, 0.4156, 0.1568
CMYK	0.01, 0.31, 0.00, 0.16
HSL	298°, 45%, 71%
HSV	298°, 31%, 84%
XYZ	50.4475, 40.5473, 69.4615
YIQ	175.6600, 16.9580, 34.0940

Conversions

Conversions Part 2

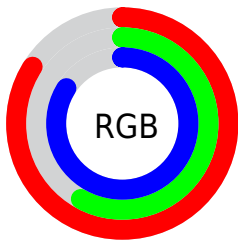
Format	Color
R _Y B	213, 149, 215
Decimal	13997527
CIE Lab	69.86, 34.75, -24.14
CIE LCh	70, 42.314, 325.215
Yxy	40.5473, 0.3144, 0.2527
Android (android.graphics.Color)	4292187607 (0xFFD595D7)
YUV	175.6600, 19.3946, 32.7472
Hunter-Lab	63.6768, 29.9810, -20.1025

Details

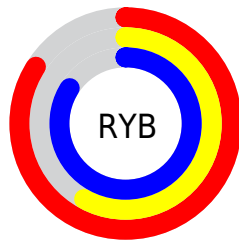
The Yxy color $40.5473, 0.3144, 0.2527$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.3596, 0.3099, 0.4183$, and the grayscale version is $43.1213, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.6657, 0.3151, 0.2792$, and $18.2556, 0.3133, 0.2332$ is the 20% darker color. If you saturate the color by 10%, you get $34.2621, 0.3147, 0.2286$, and if you desaturate by 10%, it is $48.0923, 0.3139, 0.2777$.

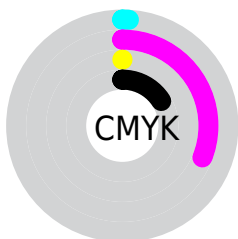
Distribution



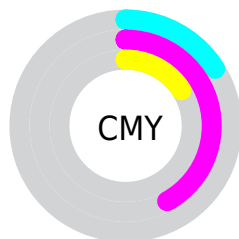
- Red (84%)
- Green (58%)
- Blue (84%)



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



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5473, 0.3144, 0.2527 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 40.5473, 0.3144, 0.2527 by changing the saturation by 10% instead.

 40.5473, 0.3144,
0.2527


 40.5473, 0.3144,
0.2527


348.4250, 0.3145,
0.2892

 27.9655, 0.3141,
0.2441

 75.9962, 0.3146,
0.2656

 18.2997, 0.3136,
0.2334


 99.6321, 0.3147,
0.2705

 11.1654, 0.3127,
0.2196


127.7215, 0.3147,
0.2748

 6.1782, 0.3111,
0.2013

160.6489, 0.3146,
0.2785

 2.9537, 0.3078,
0.1763

198.7985, 0.3146,
0.2817

 1.1076, 0.3008,
0.1402

242.5548, 0.3146,

 0.0000, 0.3098,

0.2845


0.0000

292.3021, 0.3145,
0.2870

 0.0000, 0.0000,
0.0000


 40.5473, 0.3144,
0.2527


 40.5473, 0.3144,
0.2527


 34.2621, 0.3147,
0.2286


 48.0923, 0.3139,
0.2777

 29.1622, 0.3149,
0.2065


 56.9557, 0.3134,
0.3028


 25.1734, 0.3149,
0.1873


 67.1988, 0.3128,
0.3273


 22.2112, 0.3147,
0.1717


 78.8775, 0.3121,
0.3507

 20.1787, 0.3143,
0.1604


 91.0696, 0.3115,
0.3712


 18.9608, 0.3138,
0.1533

 91.1711, 0.3119,
0.3711

 18.3700, 0.3131,
0.1499

 91.2730, 0.3123,
0.3711

 91.3753, 0.3128,
0.3710

 91.4780, 0.3132,
0.3710

Harmonies

Analogous

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



40.5473, 0.2569, 0.2344



40.5473, 0.3144, 0.2527



40.5473, 0.3773, 0.2872

Triad

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



40.5473, 0.3144, 0.2527



40.5473, 0.4116, 0.4208



40.5473, 0.2126, 0.3104

Complementary

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



40.5473, 0.3144, 0.2527



57.3596, 0.3099, 0.4183

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.



40.5473, 0.2473, 0.3740



40.5473, 0.3144, 0.2527



40.5473, 0.3617, 0.4421

Square

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



40.5473, 0.3144, 0.2527



40.5473, 0.4357, 0.3793



40.5473, 0.3015, 0.4264



40.5473, 0.2029, 0.2614

Rectangle

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



40.5473, 0.3144, 0.2527



40.5473, 0.4114, 0.3162



40.5473, 0.3015, 0.4264



40.5473, 0.2215, 0.3309

Sweetspot

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



40.5491, 0.3144, 0.2527



86.0872, 0.3133, 0.3068



33.5016, 0.2589, 0.2425



17.9791, 0.3134, 0.3032



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.



40.5491, 0.3144, 0.2527



53.2992, 0.3146, 0.2365



39.4186, 0.3452, 0.2868



12.6123, 0.3133, 0.3060



10.9957, 0.3133, 0.1499



0.6695, 0.3147, 0.1507

Inverse Universe

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



38.1852, 0.3796, 0.3267



49.2922, 0.4009, 0.3262



58.2834, 0.2895, 0.3756



12.4270, 0.3286, 0.3283



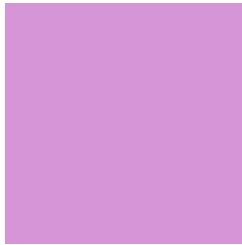
8.6527, 0.6365, 0.3280



0.5241, 0.6254, 0.3219

Previews

White Background



This preview shows how the Yxy color 40.5473, 0.3144, 0.2527 looks on a white background.

Color Contrast Check

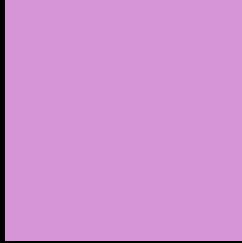
Large Text (above 18pt) WCAG AA × Fail

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 40.5473, 0.3144, 0.2527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

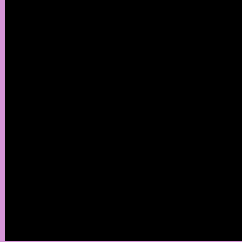
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5473, 0.3144, 0.2527

Background



This preview shows how black text looks on a background with the Yxy color 40.5473, 0.3144, 0.2527.



This preview shows how white text looks on a background with the Yxy color 40.5473, 0.3144, 0.2527.

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

40.5473, 0.3144, 0.2527

Protanopia

40.9591, 0.2559, 0.2508

Deuteranopia

40.9742, 0.2774, 0.2717



Tritanopia

40.6214, 0.3496, 0.3141

Trichromacy



Original Color

40.5473, 0.3144, 0.2527



Protanomaly

40.3909, 0.2740, 0.2504



Deuteranomaly

40.4842, 0.2902, 0.2639



Tritanomaly

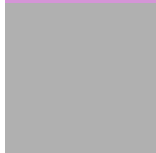
40.5432, 0.3367, 0.2912

Monochromacy



Original Color

40.5473, 0.3144, 0.2527



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.8090, 0.3133, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5473, 0.3144, 0.2527 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(213, 149, 215)` looks like.

```
.text, #text, p{  
    color:rgb(213, 149, 215)  
}
```

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(213, 149, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 149, 215) }
```

Border

The CSS property to change the border of an element to Yxy 40.5473, 0.3144, 0.2527 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(213, 149, 215) }
```

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

```
.border{ border-color:rgb(213, 149, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 149, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 149, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 149, 215);  
box-shadow:4px 4px 4px 4px rgb(213, 149,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5473, 0.3144, 0.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 149, 215) }
```

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

```
.background{ background-color: rgb(213,  
149, 215) }
```

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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