

Converting Colors

$Y_{xy}(40.2639, 0.3313, 0.2681)$

Have a look what the booklet for
Yxy(40.2639, 0.3313, 0.2681)
contains.

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Color

Yxy(40.1486, 0.3310, 0.2672)

Conversions

Conversions Part 1

Format	Color
Hex	D994C9
RGB	217, 148, 201
RGB Percent	85%, 58%, 79%
CMY	0.1492, 0.4195, 0.2118
CMYK	0.00, 0.32, 0.07, 0.15
HSL	314°, 48%, 72%
HSV	314°, 32%, 85%
XYZ	49.7350, 40.1486, 60.3732
YIQ	174.6730, 24.1110, 31.1110

Conversions

Conversions Part 2

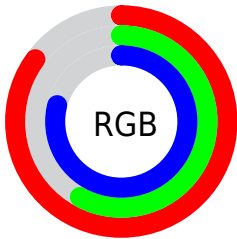
Format	Color
R _Y B	217, 148, 201
Decimal	14259401
CIE Lab	69.58, 34.05, -16.76
CIE LCh	70, 37.957, 333.790
Yxy	40.1486, 0.3310, 0.2672
Android (android.graphics.Color)	4292449481 (0xFFD994C9)
YUV	174.6730, 12.9792, 37.1208
Hunter-Lab	63.3629, 29.2235, -12.1384

Details

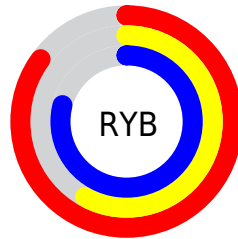
The Yxy color $40.1486, 0.3310, 0.2672$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.5805, 0.2986, 0.4001$, and the grayscale version is $42.6150, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.1919, 0.3151, 0.2782$, and $18.0494, 0.3353, 0.2506$ is the 20% darker color. If you saturate the color by 10%, you get $33.7358, 0.3385, 0.2479$, and if you desaturate by 10%, it is $47.8484, 0.3243, 0.2870$.

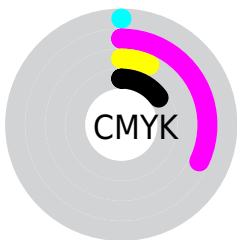
Distribution



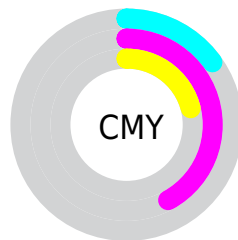
- Red (85%)
- Green (58%)
- Blue (79%)



- Red (85%)
- Yellow (58%)
- Blue (79%)



- Cyan (0%)
- Magenta (32%)
- Yellow (7%)
- Black (15%)





- Cyan (15%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1486, 0.3310, 0.2672 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 40.1486, 0.3310, 0.2672 by changing the saturation by 10% instead.


 40.1486, 0.3310,
0.2672


 40.1486, 0.3310,
0.2672


346.7495, 0.3224,
0.2972

 27.6544, 0.3330,
0.2600


 75.3897, 0.3280,
0.2779

 18.0653, 0.3355,
0.2509


 98.9055, 0.3268,
0.2820

 10.9969, 0.3386,
0.2391

126.8639, 0.3258,
0.2855

 6.0648, 0.3427,
0.2232

159.6494, 0.3249,
0.2885

 2.8845, 0.3482,
0.2007

197.6462, 0.3242,
0.2911

 1.0717, 0.3556,
0.1668

241.2390, 0.3235,

 0.0000, 0.4105,

0.2934

0.0000

290.8119, 0.3229,
0.2954

0.0000, 0.0000,
0.0000

40.1486, 0.3310,
0.2672

40.1486, 0.3310,
0.2672

33.7358, 0.3385,
0.2479

47.8484, 0.3243,
0.2870

28.5329, 0.3468,
0.2300

56.8956, 0.3185,
0.3067

24.4634, 0.3557,
0.2146


67.3534, 0.3135,
0.3257

21.4395, 0.3649,
0.2026


79.2795, 0.3093,
0.3438

19.3604, 0.3743,
0.1950

91.7619, 0.3057,
0.3591

 18.1056, 0.3834,
0.1920

 92.0423, 0.3029,
0.3538

 17.5223, 0.3907,
0.1926

 92.3307, 0.3001,
0.3484

 92.6275, 0.2974,
0.3432

 92.9325, 0.2947,
0.3379

Harmonies

Analogous

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



40.1486, 0.2759, 0.2457



40.1486, 0.3310, 0.2672



40.1486, 0.3852, 0.3022

Triad

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



40.1486, 0.3310, 0.2672



40.1486, 0.3915, 0.4205



40.1486, 0.2168, 0.2982

Complementary

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



40.1486, 0.3310, 0.2672



58.5805, 0.2986, 0.4001

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.



40.1486, 0.2425, 0.3531



40.1486, 0.3310, 0.2672



40.1486, 0.3425, 0.4300

Square

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



40.1486, 0.3310, 0.2672



40.1486, 0.4207, 0.3874



40.1486, 0.2879, 0.4050



40.1486, 0.2143, 0.2593

Rectangle

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



40.1486, 0.3310, 0.2672



40.1486, 0.4111, 0.3302



40.1486, 0.2879, 0.4050



40.1486, 0.2228, 0.3154

Sweetspot

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



40.1504, 0.3310, 0.2672



84.4209, 0.3176, 0.3100



33.9800, 0.2684, 0.2387



17.6371, 0.3184, 0.3072



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.



40.1504, 0.3310, 0.2672



51.6049, 0.3358, 0.2544



38.7451, 0.3644, 0.3055



13.2205, 0.3173, 0.3112



10.6293, 0.3895, 0.1919



0.7014, 0.3760, 0.1845

Inverse Universe

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



40.1504, 0.3310, 0.2672



51.6049, 0.3358, 0.2544



59.9507, 0.2785, 0.3542



13.2205, 0.3173, 0.3112



10.6293, 0.3895, 0.1919



0.7014, 0.3760, 0.1845

Previews

White Background



This preview shows how the Yxy color 40.1486, 0.3310, 0.2672 looks on a white background.

Color Contrast Check

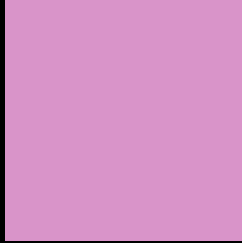
Large Text (above 18pt) WCAG AA × Fail

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 40.1486, 0.3310, 0.2672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

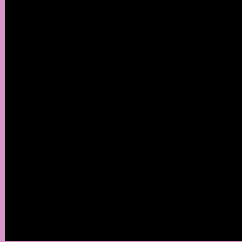
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1486, 0.3310, 0.2672

Background



This preview shows how black text looks on a background with the Yxy color 40.1486, 0.3310, 0.2672.



This preview shows how white text looks on a background with the Yxy color 40.1486, 0.3310, 0.2672.

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

40.1486, 0.3310, 0.2672

Protanopia

40.6532, 0.2692, 0.2685

Deuteranopia

40.3483, 0.2935, 0.2868



Tritanopia

40.3420, 0.3602, 0.3156

Trichromacy



Original Color

40.1486, 0.3310, 0.2672



Protanomaly

39.8462, 0.2891, 0.2666



Deuteranomaly

39.8669, 0.3068, 0.2784



Tritanomaly

40.0073, 0.3489, 0.2964

Monochromacy



Original Color

40.1486, 0.3310, 0.2672



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

41.3181, 0.3194, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1486, 0.3310, 0.2672 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(217, 148, 201)` looks like.

```
.text, #text, p{  
    color:rgb(217, 148, 201)  
}
```

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(217, 148, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 148, 201) }
```

Border

The CSS property to change the border of an element to Yxy 40.1486, 0.3310, 0.2672 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(217, 148, 201) }
```

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

```
.border{ border-color:rgb(217, 148, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 148, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 148, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 148, 201);  
box-shadow:4px 4px 4px 4px rgb(217, 148,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1486, 0.3310, 0.2672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 148, 201) }
```

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

```
.background{ background-color: rgb(217,  
148, 201) }
```

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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