

Converting Colors

$Y_{xy}(36.5788, 0.3172, 0.2493)$

Have a look what the booklet for
Yxy(36.5788, 0.3172, 0.2493)
contains.

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Color

Yxy(36.6711, 0.3174, 0.2495)

Conversions

Conversions Part 1

Format	Color
Hex	D08CCF
RGB	208, 140, 207
RGB Percent	82%, 55%, 81%
CMY	0.1844, 0.4509, 0.1882
CMYK	0.00, 0.33, 0.00, 0.18
HSL	301°, 42%, 68%
HSV	301°, 33%, 82%
XYZ	46.6509, 36.6711, 63.6563
YIQ	167.9700, 19.0210, 35.2530

Conversions

Conversions Part 2

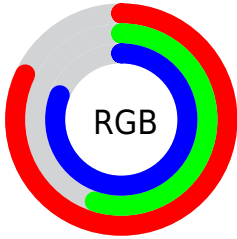
Format	Color
R_{YB}	208, 140, 207
Decimal	13667535
CIE _{Lab}	67.03, 36.52, -24.08
CIE _{LCh}	67, 43.744, 326.602
Yxy	36.6711, 0.3174, 0.2495
Android (android.graphics.Color)	4291857615 (0xFFD08CCF)
YUV	167.9700, 19.2418, 35.1063
Hunter-Lab	60.5567, 31.5366, -19.9352

Details

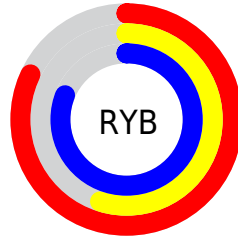
The Yxy color $36.6711, 0.3174, 0.2495$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $52.6047, 0.3076, 0.4238$, and the grayscale version is $39.0403, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.5102, 0.3155, 0.2703$, and $15.9218, 0.3174, 0.2286$ is the 20% darker color. If you saturate the color by 10%, you get $31.1430, 0.3189, 0.2264$, and if you desaturate by 10%, it is $43.3512, 0.3159, 0.2738$.

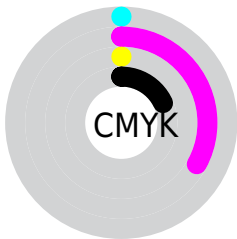
Distribution



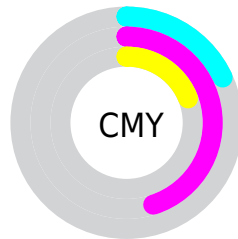
- Red (82%)
- Green (55%)
- Blue (81%)



- Red (82%)
- Yellow (55%)
- Blue (81%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6711, 0.3174, 0.2495 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 36.6711, 0.3174, 0.2495 by changing the saturation by 10% instead.


 36.6711, 0.3174,
0.2495


 36.6711, 0.3174,
0.2495


331.8844, 0.3160,
0.2881


 24.9529, 0.3175,
0.2403


 70.0666, 0.3171,
0.2632

 16.0420, 0.3174,
0.2287


 92.5128, 0.3169,
0.2685

 9.5539, 0.3169,
0.2138


 119.3038, 0.3168,
0.2729

 5.1042, 0.3158,
0.1938

150.8239, 0.3166,
0.2768

 2.3085, 0.3131,
0.1661

187.4577, 0.3165,
0.2801

 0.7782, 0.3064,
0.1252

229.5894, 0.3163,


 0.0000, 0.2967,


0.2831


0.0000


277.6035, 0.3162,
0.2857

 0.0000, 0.0000,
0.0000


 36.6711, 0.3174,
0.2495


 36.6711, 0.3174,
0.2495

 31.1430, 0.3189,
0.2264


 43.3512, 0.3159,
0.2738


 26.6971, 0.3202,
0.2055


 51.2384, 0.3145,
0.2984

 23.2638, 0.3215,
0.1876


 60.3897, 0.3131,
0.3226


 20.7632, 0.3226,
0.1736


 70.8575, 0.3118,
0.3459

 19.1034, 0.3235,
0.1638


 82.6909, 0.3106,
0.3679

 18.1740, 0.3242,
0.1583

 89.5219, 0.3099,
0.3787

 17.8156, 0.3246,
0.1562

 89.5367, 0.3097,
0.3784

 89.5515, 0.3096,
0.3780

 89.5664, 0.3094,
0.3777

Harmonies

Analogous

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



36.6711, 0.2556, 0.2292



36.6711, 0.3174, 0.2495



36.6711, 0.3845, 0.2864

Triad

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



36.6711, 0.3174, 0.2495



36.6711, 0.4157, 0.4279



36.6711, 0.2053, 0.3057

Complementary

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



36.6711, 0.3174, 0.2495



52.6047, 0.3076, 0.4238

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.



36.6711, 0.2406, 0.3740



36.6711, 0.3174, 0.2495



36.6711, 0.3615, 0.4503

Square

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



36.6711, 0.3174, 0.2495



36.6711, 0.4435, 0.3838



36.6711, 0.2973, 0.4320



36.6711, 0.1965, 0.2548

Rectangle

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



36.6711, 0.3174, 0.2495



36.6711, 0.4203, 0.3172



36.6711, 0.2973, 0.4320



36.6711, 0.2142, 0.3275

Sweetspot

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



36.6727, 0.3174, 0.2495



84.7721, 0.3141, 0.3047



28.8890, 0.2546, 0.2329



17.7227, 0.3143, 0.3012



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.



36.6727, 0.3174, 0.2495



52.0143, 0.3184, 0.2337



35.2232, 0.3503, 0.2868



12.0060, 0.3140, 0.3064



11.1065, 0.3245, 0.1561



0.6220, 0.3238, 0.1557

Inverse Universe

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



36.6727, 0.3174, 0.2495



52.0143, 0.3184, 0.2337



53.7379, 0.2868, 0.3758



12.0060, 0.3140, 0.3064



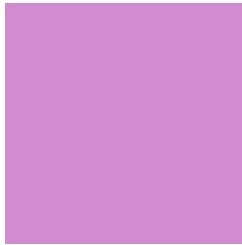
11.1065, 0.3245, 0.1561



0.6220, 0.3238, 0.1557

Previews

White Background



This preview shows how the Yxy color 36.6711, 0.3174, 0.2495 looks on a white background.

Color Contrast Check

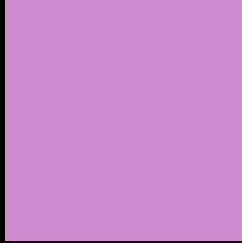
Large Text (above 18pt) WCAG AA × Fail

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 36.6711, 0.3174, 0.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

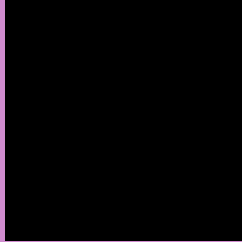
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6711, 0.3174, 0.2495

Background



This preview shows how black text looks on a background with the Yxy color 36.6711, 0.3174, 0.2495.



This preview shows how white text looks on a background with the Yxy color 36.6711, 0.3174, 0.2495.

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

36.6711, 0.3174, 0.2495

Protanopia

36.9284, 0.2531, 0.2465

Deuteranopia

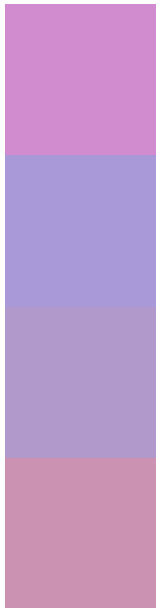
36.8243, 0.2766, 0.2706



Tritanopia

36.6247, 0.3558, 0.3137

Trichromacy



Original Color

36.6711, 0.3174, 0.2495

Protanomaly

36.2272, 0.2740, 0.2464

Deuteranomaly

36.4892, 0.2909, 0.2626

Tritanomaly

36.6095, 0.3410, 0.2889

Monochromacy



Original Color

36.6711, 0.3174, 0.2495

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8984, 0.3152, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6711, 0.3174, 0.2495 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(208, 140, 207)` looks like.

```
.text, #text, p{  
    color:rgb(208, 140, 207)  
}
```

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(208, 140, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 140, 207) }
```

Border

The CSS property to change the border of an element to Yxy 36.6711, 0.3174, 0.2495 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(208, 140, 207) }
```

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

```
.border{ border-color:rgb(208, 140, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 140, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 140, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 140, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 140,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6711, 0.3174, 0.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 140, 207) }
```

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

```
.background{ background-color: rgb(208,  
140, 207) }
```

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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