

Converting Colors

$Yxy(36.9463, 0.3260, 0.2681)$

Have a look what the booklet for
Yxy(36.9463, 0.3260, 0.2681)
contains.

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Color

Yxy(36.8207, 0.3265, 0.2678)

Conversions

Conversions Part 1

Format	Color
Hex	CD90C2
RGB	205, 144, 194
RGB Percent	80%, 56%, 76%
CMY	0.1960, 0.4353, 0.2392
CMYK	0.00, 0.30, 0.05, 0.20
HSL	311°, 38%, 68%
HSV	311°, 30%, 80%
XYZ	44.8916, 36.8207, 55.7810
YIQ	167.9390, 20.3060, 28.4820

Conversions

Conversions Part 2

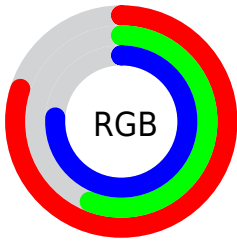
Format	Color
R_{YB}	205, 144, 194
Decimal	13471938
CIE _{Lab}	67.14, 31.01, -16.68
CIE _{LCh}	67, 35.215, 331.723
Yxy	36.8207, 0.3265, 0.2678
Android (android.graphics.Color)	4291662018 (0xFFCD90C2)
YUV	167.9390, 12.8481, 32.5025
Hunter-Lab	60.6801, 25.8655, -12.0271

Details

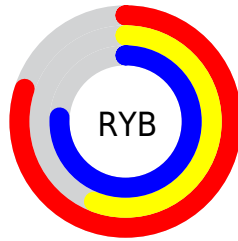
The Yxy color $36.8207, 0.3265, 0.2678$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $51.9677, 0.3015, 0.3991$, and the grayscale version is $39.0560, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.6132, 0.3182, 0.2769$, and $16.2062, 0.3303, 0.2522$ is the 20% darker color. If you saturate the color by 10%, you get $31.0016, 0.3323, 0.2474$, and if you desaturate by 10%, it is $43.7749, 0.3213, 0.2887$.

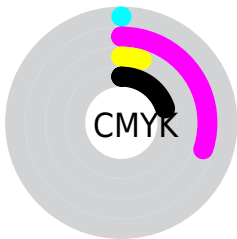
Distribution



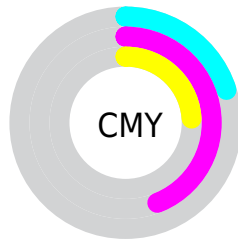
- Red (80%)
- Green (56%)
- Blue (76%)



- Red (80%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (20%)




- Cyan (20%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8207, 0.3265, 0.2678 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 36.8207, 0.3265, 0.2678 by changing the saturation by 10% instead.


 36.8207, 0.3265,
0.2678

 36.8207, 0.3265,
0.2678


332.5336, 0.3200,
0.2980

 25.0687, 0.3280,
0.2604

 70.2969, 0.3243,
0.2787

 16.1282, 0.3298,
0.2510


 92.7900, 0.3234,
0.2828

 9.6149, 0.3320,
0.2387

119.6321, 0.3226,
0.2863

 5.1444, 0.3349,
0.2218

151.2078, 0.3220,
0.2893

 2.3322, 0.3385,
0.1976

187.9014, 0.3214,
0.2919

 0.7907, 0.3430,
0.1595

230.0973, 0.3209,

 0.0000, 0.3570,

0.2942


0.0000

278.1799, 0.3204,
0.2962


 0.0000, 0.0000,
0.0000


 36.8207, 0.3265,
0.2678

 36.8207, 0.3265,
0.2678

 31.0016, 0.3323,
0.2474


 43.7749, 0.3213,
0.2887


 26.2516, 0.3387,
0.2282


 51.9159, 0.3166,
0.3095


 22.5054, 0.3455,
0.2115

 61.2979, 0.3126,
0.3295

 19.6885, 0.3525,
0.1980

 71.9705, 0.3092,
0.3484

 17.7163, 0.3595,
0.1886

 83.9806, 0.3063,
0.3662

■ 16.4883, 0.3663,
0.1837

■ 89.4706, 0.3040,
0.3707

■ 15.8230, 0.3729,
0.1829

■ 89.6645, 0.3019,
0.3666

■ 15.8093, 0.3730,
0.1828

■ 89.8627, 0.2999,
0.3625

■ 90.0652, 0.2979,
0.3585

Harmonies

Analogous

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



36.8207, 0.2744, 0.2482



36.8207, 0.3265, 0.2678



36.8207, 0.3788, 0.3009

Triad

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



36.8207, 0.3265, 0.2678



36.8207, 0.3910, 0.4150



36.8207, 0.2217, 0.3031

Complementary

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



36.8207, 0.3265, 0.2678



51.9677, 0.3015, 0.3991

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.



36.8207, 0.2480, 0.3559



36.8207, 0.3265, 0.2678



36.8207, 0.3450, 0.4256

Square

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



36.8207, 0.3265, 0.2678



36.8207, 0.4169, 0.3826



36.8207, 0.2926, 0.4039



36.8207, 0.2178, 0.2643

Rectangle

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



36.8207, 0.3265, 0.2678



36.8207, 0.4046, 0.3275



36.8207, 0.2926, 0.4039



36.8207, 0.2281, 0.3198

Sweetspot

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



36.8223, 0.3265, 0.2678



85.9574, 0.3164, 0.3108



31.2404, 0.2693, 0.2449



17.9469, 0.3170, 0.3078



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.



36.8223, 0.3265, 0.2678



53.7237, 0.3303, 0.2540



35.6197, 0.3566, 0.3033



11.3676, 0.3165, 0.3102



9.8527, 0.3721, 0.1824



0.5176, 0.3604, 0.1759

Inverse Universe

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



36.8223, 0.3265, 0.2678



53.7237, 0.3303, 0.2540



53.0900, 0.2825, 0.3565



11.3676, 0.3165, 0.3102



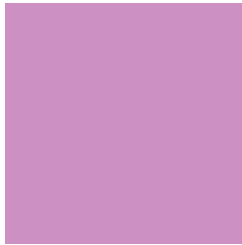
9.8527, 0.3721, 0.1824



0.5176, 0.3604, 0.1759

Previews

White Background



This preview shows how the Yxy color 36.8207, 0.3265, 0.2678 looks on a white background.

Color Contrast Check

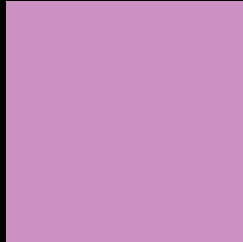
Large Text (above 18pt) WCAG AA × Fail

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 36.8207, 0.3265, 0.2678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

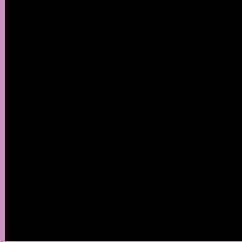
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8207, 0.3265, 0.2678

Background



This preview shows how black text looks on a background with the Yxy color 36.8207, 0.3265, 0.2678.



This preview shows how white text looks on a background with the Yxy color 36.8207, 0.3265, 0.2678.

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

36.8207, 0.3265, 0.2678

Protanopia

37.0692, 0.2698, 0.2689

Deuteranopia

37.1187, 0.2928, 0.2867



Tritanopia

36.8388, 0.3534, 0.3136

Trichromacy



Original Color

36.8207, 0.3265, 0.2678

Protanomaly

36.4776, 0.2882, 0.2668

Deuteranomaly

36.7407, 0.3046, 0.2789

Tritanomaly

36.7924, 0.3427, 0.2960

Monochromacy



Original Color

36.8207, 0.3265, 0.2678

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.7944, 0.3177, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8207, 0.3265, 0.2678 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(205, 144, 194)` looks like.

```
.text, #text, p{  
    color:rgb(205, 144, 194)  
}
```

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(205, 144, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 144, 194) }
```

Border

The CSS property to change the border of an element to Yxy 36.8207, 0.3265, 0.2678 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(205, 144, 194) }
```

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

```
.border{ border-color:rgb(205, 144, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 144, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 144, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 144, 194);  
box-shadow:4px 4px 4px 4px rgb(205, 144,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8207, 0.3265, 0.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 144, 194) }
```

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

```
.background{ background-color: rgb(205,  
144, 194) }
```

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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