

Converting Colors

$Y_{xy}(36.8436, 0.3503, 0.2765)$

Have a look what the booklet for
Yxy(36.8436, 0.3503, 0.2765)
contains.

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Color

Yxy(36.8314, 0.3502, 0.2756)

Conversions

Conversions Part 1

Format	Color
Hex	DA8BB8
RGB	218, 139, 184
RGB Percent	85%, 55%, 72%
CMY	0.1451, 0.4549, 0.2783
CMYK	0.00, 0.36, 0.16, 0.15
HSL	326°, 52%, 70%
HSV	326°, 36%, 85%
XYZ	46.8010, 36.8314, 50.0084
YIQ	167.7510, 32.6390, 30.7430

Conversions

Conversions Part 2

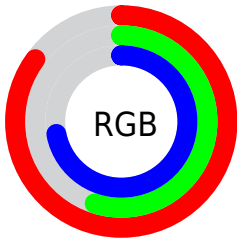
Format	Color
R _Y B	218, 139, 184
Decimal	14322616
CIE Lab	67.15, 36.42, -10.95
CIE LCh	67, 38.032, 343.273
Yxy	36.8314, 0.3502, 0.2756
Android (android.graphics.Color)	4292512696 (0xFFDA8BB8)
YUV	167.7510, 8.0108, 44.0684
Hunter-Lab	60.6889, 31.4470, -6.3735

Details

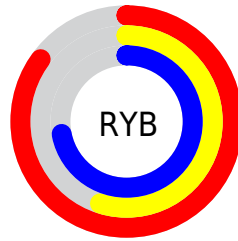
The Yxy color **36.8314, 0.3502, 0.2756** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.6489, 0.2875, 0.3898**, and the grayscale version is **38.9790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1348, 0.3265, 0.2831**, and **16.1365, 0.3617, 0.2605** is the 20% darker color. If you saturate the color by 10%, you get **30.7568, 0.3650, 0.2611**, and if you desaturate by 10%, it is **44.1942, 0.3375, 0.2907**.

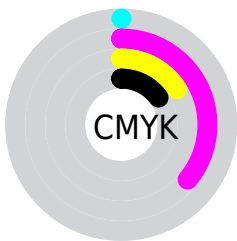
Distribution



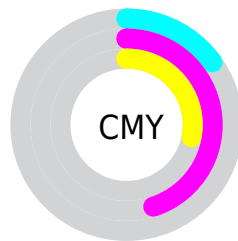
- Red (85%)
- Green (55%)
- Blue (72%)



- Red (85%)
- Yellow (55%)
- Blue (72%)



- Cyan (0%)
- Magenta (36%)
- Yellow (16%)
- Black (15%)




- Cyan (15%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8314, 0.3502, 0.2756 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 36.8314, 0.3502, 0.2756 by changing the saturation by 10% instead.

 36.8314, 0.3502,
0.2756


 36.8314, 0.3502,
0.2756


332.5800, 0.3313,
0.3022


 25.0770, 0.3550,
0.2690


 70.3134, 0.3433,
0.2852

 16.1344, 0.3611,
0.2606


 92.8098, 0.3407,
0.2888

 9.6193, 0.3693,
0.2496


 119.6556, 0.3386,
0.2919

 5.1473, 0.3807,
0.2342

151.2352, 0.3367,
0.2945

 2.3339, 0.3979,
0.2119

187.9331, 0.3351,
0.2968

 0.7916, 0.4266,
0.1758

230.1336, 0.3337,

 0.0000, 0.5828,

0.2988

0.0000


278.2211, 0.3324,
0.3006


 0.0000, 0.0000,
0.0000


 36.8314, 0.3502,
0.2756


 36.8314, 0.3502,
0.2756


 30.7568, 0.3650,
0.2611


 44.1942, 0.3375,
0.2907


 25.8895, 0.3819,
0.2480


 52.9095, 0.3267,
0.3058


 22.1474, 0.4005,
0.2376


 63.0434, 0.3176,
0.3203


 19.4361, 0.4205,
0.2311

 74.6564, 0.3100,
0.3341

 17.6453, 0.4409,
0.2295


 87.8051, 0.3038,
0.3469

 16.6369, 0.4609,
0.2332

 92.7333, 0.2985,
0.3441

 16.3679, 0.4684,
0.2354

 93.3058, 0.2934,
0.3344

 93.6458, 0.2906,
0.3289

Harmonies

Analogous

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



36.8314, 0.2917, 0.2486



36.8314, 0.3502, 0.2756



36.8314, 0.4016, 0.3146

Triad

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



36.8314, 0.3502, 0.2756



36.8314, 0.3793, 0.4297



36.8314, 0.2107, 0.2822

Complementary

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



36.8314, 0.3502, 0.2756



58.6489, 0.2875, 0.3898

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.



36.8314, 0.2296, 0.3350



36.8314, 0.3502, 0.2756



36.8314, 0.3253, 0.4292

Square

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



36.8314, 0.3502, 0.2756



36.8314, 0.4174, 0.4013



36.8314, 0.2706, 0.3926



36.8314, 0.2158, 0.2492

Rectangle

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



36.8314, 0.3502, 0.2756



36.8314, 0.4221, 0.3441



36.8314, 0.2706, 0.3926



36.8314, 0.2143, 0.2980

Sweetspot

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



36.8331, 0.3502, 0.2756



82.6382, 0.3218, 0.3133



32.2886, 0.2744, 0.2279



17.2682, 0.3230, 0.3114



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.



36.8331, 0.3502, 0.2756



46.1649, 0.3606, 0.2651



35.4333, 0.3925, 0.3212



13.1753, 0.3203, 0.3158



9.8278, 0.4656, 0.2339



0.6538, 0.4356, 0.2173

Inverse Universe

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



36.8331, 0.3502, 0.2756



46.1649, 0.3606, 0.2651



60.3572, 0.2656, 0.3373



13.1753, 0.3203, 0.3158



9.8278, 0.4656, 0.2339



0.6538, 0.4356, 0.2173

Previews

White Background



This preview shows how the Yxy color 36.8314, 0.3502, 0.2756 looks on a white background.

Color Contrast Check

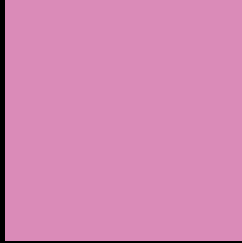
Large Text (above 18pt) WCAG AA × Fail

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 36.8314, 0.3502, 0.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

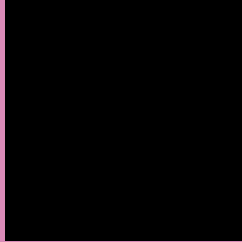
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8314, 0.3502, 0.2756

Background



This preview shows how black text looks on a background with the Yxy color 36.8314, 0.3502, 0.2756.



This preview shows how white text looks on a background with the Yxy color 36.8314, 0.3502, 0.2756.

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

36.8314, 0.3502, 0.2756

Protanopia

37.0321, 0.2773, 0.2780

Deuteranopia

36.8622, 0.3065, 0.3001



Tritanopia

36.7601, 0.3771, 0.3156

Trichromacy



Original Color

36.8314, 0.3502, 0.2756



Protanomaly

36.5899, 0.3011, 0.2762



Deuteranomaly

36.6115, 0.3223, 0.2910



Tritanomaly

36.6981, 0.3667, 0.2999

Monochromacy



Original Color

36.8314, 0.3502, 0.2756



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

37.6090, 0.3254, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8314, 0.3502, 0.2756 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(218, 139, 184)` looks like.

```
.text, #text, p{  
    color:rgb(218, 139, 184)  
}
```

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(218, 139, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 139, 184) }
```

Border

The CSS property to change the border of an element to Yxy 36.8314, 0.3502, 0.2756 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(218, 139, 184) }
```

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

```
.border{ border-color:rgb(218, 139, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 139, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 139, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 139, 184);  
box-shadow:4px 4px 4px 4px rgb(218, 139,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8314, 0.3502, 0.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 139, 184) }
```

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

```
.background{ background-color: rgb(218,  
139, 184) }
```

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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