

Converting Colors

$Y_{xy}(36.4416, 0.3503, 0.2775)$

Have a look what the booklet for
Yxy(36.4416, 0.3503, 0.2775)
contains.

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Color

Yxy(36.4416, 0.3503, 0.2775)

Conversions

Conversions Part 1

Format	Color
Hex	D88BB6
RGB	216, 139, 182
RGB Percent	85%, 55%, 71%
CMY	0.1529, 0.4549, 0.2862
CMYK	0.00, 0.36, 0.16, 0.15
HSL	326°, 50%, 70%
HSV	326°, 36%, 85%
XYZ	46.0018, 36.4416, 48.8777
YIQ	166.9250, 32.0890, 29.6970

Conversions

Conversions Part 2

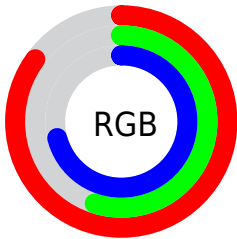
Format	Color
R _Y B	216, 139, 182
Decimal	14191542
CIE Lab	66.86, 35.43, -10.28
CIE LCh	67, 36.892, 343.817
Yxy	36.4416, 0.3503, 0.2775
Android (android.graphics.Color)	4292381622 (0xFFD88BB6)
YUV	166.9250, 7.4320, 43.0388
Hunter-Lab	60.3669, 30.3815, -5.7490

Details

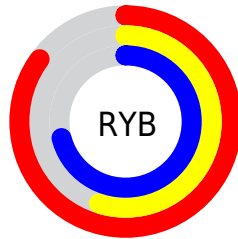
The Yxy color **36.4416, 0.3503, 0.2775** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.6283, 0.2873, 0.3873**, and the grayscale version is **38.5579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0166, 0.3280, 0.2850**, and **15.8750, 0.3619, 0.2627** is the 20% darker color. If you saturate the color by 10%, you get **30.4131, 0.3654, 0.2632**, and if you desaturate by 10%, it is **43.7363, 0.3373, 0.2924**.

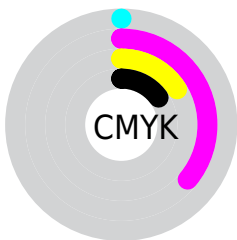
Distribution



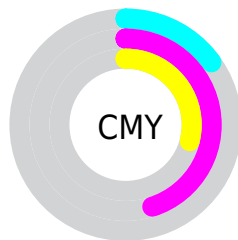
- Red (85%)
- Green (55%)
- Blue (71%)



- Red (85%)
- Yellow (55%)
- Blue (71%)



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




- Cyan (15%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.4416, 0.3503, 0.2775 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 36.4416, 0.3503, 0.2775 by changing the saturation by 10% instead.


 36.4416, 0.3503,
0.2775


 36.4416, 0.3503,
0.2775


330.8866, 0.3313,
0.3032


 24.7754, 0.3551,
0.2711


 69.7131, 0.3433,
0.2868

 15.9098, 0.3613,
0.2629


 92.0873, 0.3407,
0.2903

 9.4604, 0.3697,
0.2521


 118.7996, 0.3386,
0.2933

 5.0427, 0.3814,
0.2370

150.2344, 0.3367,
0.2958

 2.2723, 0.3991,
0.2149

186.7761, 0.3351,
0.2981

 0.7590, 0.4294,
0.1783

228.8091, 0.3336,


 0.0000, 0.6111,


0.3000


0.0000

276.7178, 0.3324,
0.3017


 0.0000, 0.0000,
0.0000

 36.4416, 0.3503,
0.2775


 36.4416, 0.3503,
0.2775

 30.4131, 0.3654,
0.2632


 43.7363, 0.3373,
0.2924


 25.5719, 0.3826,
0.2503


 52.3597, 0.3264,
0.3071


 21.8384, 0.4018,
0.2399


 62.3764, 0.3172,
0.3213


 19.1207, 0.4224,
0.2334


 73.8451, 0.3096,
0.3347

 17.3123, 0.4435,
0.2317

 86.8212, 0.3032,
0.3472

 16.2820, 0.4642,
0.2353

 92.3680, 0.2979,
0.3453

 15.9750, 0.4731,
0.2380

 92.9473, 0.2928,
0.3353

 93.3424, 0.2894,
0.3289

Harmonies

Analogous

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



36.4416, 0.2933, 0.2508



36.4416, 0.3503, 0.2775



36.4416, 0.4000, 0.3159

Triad

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



36.4416, 0.3503, 0.2775



36.4416, 0.3769, 0.4274



36.4416, 0.2130, 0.2827

Complementary

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



36.4416, 0.3503, 0.2775



57.6283, 0.2873, 0.3873

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.



36.4416, 0.2311, 0.3339



36.4416, 0.3503, 0.2775



36.4416, 0.3241, 0.4260

Square

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



36.4416, 0.3503, 0.2775



36.4416, 0.4143, 0.4003



36.4416, 0.2709, 0.3899



36.4416, 0.2184, 0.2508

Rectangle

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



36.4416, 0.3503, 0.2775



36.4416, 0.4195, 0.3448



36.4416, 0.2709, 0.3899



36.4416, 0.2164, 0.2980

Sweetspot

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



36.4433, 0.3503, 0.2775



82.6189, 0.3220, 0.3137



32.2343, 0.2764, 0.2300



17.2636, 0.3233, 0.3117



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.



36.4433, 0.3503, 0.2775



46.1036, 0.3618, 0.2663



35.0824, 0.3921, 0.3229



12.5358, 0.3205, 0.3161



9.4754, 0.4701, 0.2363



0.5880, 0.4374, 0.2183

Inverse Universe

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



36.4433, 0.3503, 0.2775



46.1036, 0.3618, 0.2663



59.3091, 0.2656, 0.3355



12.5358, 0.3205, 0.3161



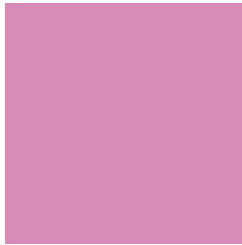
9.4754, 0.4701, 0.2363



0.5880, 0.4374, 0.2183

Previews

White Background



This preview shows how the Yxy color 36.4416, 0.3503, 0.2775 looks on a white background.

Color Contrast Check

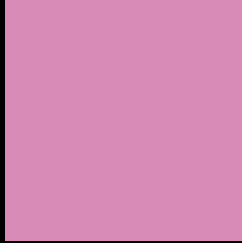
Large Text (above 18pt) WCAG AA × Fail

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 36.4416, 0.3503, 0.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

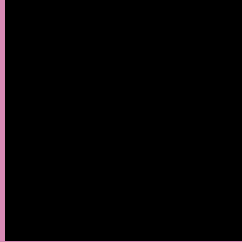
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4416, 0.3503, 0.2775

Background



This preview shows how black text looks on a background with the Yxy color 36.4416, 0.3503, 0.2775.



This preview shows how white text looks on a background with the Yxy color 36.4416, 0.3503, 0.2775.

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

36.4416, 0.3503, 0.2775

Protanopia

36.8404, 0.2780, 0.2804

Deuteranopia

36.8216, 0.3074, 0.3015



Tritanopia

36.4592, 0.3750, 0.3155

Trichromacy



Original Color

36.4416, 0.3503, 0.2775



Protanomaly

36.2641, 0.3009, 0.2784



Deuteranomaly

36.4431, 0.3223, 0.2921



Tritanomaly

36.3588, 0.3657, 0.3009

Monochromacy



Original Color

36.4416, 0.3503, 0.2775



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

37.4068, 0.3263, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4416, 0.3503, 0.2775 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(216, 139, 182)` looks like.

```
.text, #text, p{  
    color:rgb(216, 139, 182)  
}
```

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(216, 139, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 139, 182) }
```

Border

The CSS property to change the border of an element to Yxy 36.4416, 0.3503, 0.2775 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(216, 139, 182) }
```

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

```
.border{ border-color:rgb(216, 139, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 139, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 139, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 139, 182);  
box-shadow:4px 4px 4px 4px rgb(216, 139,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4416, 0.3503, 0.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 139, 182) }
```

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

```
.background{ background-color: rgb(216,  
139, 182) }
```

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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