

Converting Colors

$Y_{xy}(44.5704, 0.3155, 0.2680)$

Have a look what the booklet for
Yxy(44.5704, 0.3155, 0.2680)
contains.

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Color

Yxy(44.6409, 0.3156, 0.2678)

Conversions

Conversions Part 1

Format	Color
Hex	D6A1D6
RGB	214, 161, 214
RGB Percent	84%, 63%, 84%
CMY	0.1608, 0.3686, 0.1609
CMYK	0.00, 0.25, 0.00, 0.16
HSL	300°, 39%, 74%
HSV	300°, 25%, 84%
XYZ	52.6089, 44.6409, 69.4451
YIQ	182.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

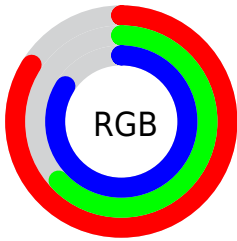
Format	Color
R _Y B	214, 161, 214
Decimal	14066134
CIE Lab	72.65, 28.40, -19.30
CIE LCh	73, 34.336, 325.792
Yxy	44.6409, 0.3156, 0.2678
Android (android.graphics.Color)	4292256214 (0xFFD6A1D6)
YUV	182.8890, 15.3377, 27.2843
Hunter-Lab	66.8138, 23.6259, -14.8553

Details

The Yxy color $44.6409, 0.3156, 0.2678$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.2407, 0.3094, 0.3989$, and the grayscale version is $47.1988, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5917, 0.3145, 0.2910$, and $20.8114, 0.3163, 0.2529$ is the 20% darker color. If you saturate the color by 10%, you get $37.7918, 0.3168, 0.2434$, and if you desaturate by 10%, it is $52.7738, 0.3144, 0.2928$.

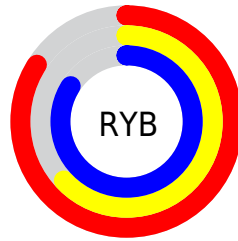
Distribution



Red (84%)

Green (63%)

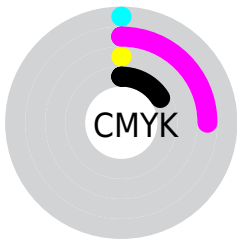
Blue (84%)



Red (84%)

Yellow (63%)

Blue (84%)

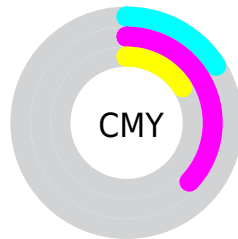


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (16%)



Cyan (16%)


Magenta (37%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6409, 0.3156, 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 44.6409, 0.3156, 0.2678 by changing the saturation by 10% instead.


 44.6409, 0.3156,
0.2678

 44.6409, 0.3156,
0.2678

365.3172, 0.3148,
0.2971

 31.1747, 0.3156,
0.2609


 82.1813, 0.3154,
0.2781

 20.7319, 0.3156,
0.2523


 107.0242, 0.3153,
0.2821

 12.9282, 0.3154,
0.2411

136.4282, 0.3152,
0.2855

 7.3791, 0.3149,
0.2264

170.7776, 0.3151,
0.2884

 3.7003, 0.3136,
0.2058

210.4568, 0.3150,
0.2910

 1.5074, 0.3104,
0.1755

255.8502, 0.3149,

 0.2939, 0.3130,

0.2933

0.0939

307.3422, 0.3148,
0.2953

0.0000, 0.0000,
0.0000

44.6409, 0.3156,
0.2678

44.6409, 0.3156,
0.2678

37.7918, 0.3168,
0.2434

52.7738, 0.3144,
0.2928

32.1555, 0.3178,
0.2204

62.2451, 0.3133,
0.3175

27.6630, 0.3188,
0.1999


73.1136, 0.3121,
0.3414


24.2362, 0.3196,
0.1827

85.4325, 0.3111,
0.3640

21.7870, 0.3203,
0.1694

90.6699, 0.3107,
0.3725


 20.2134, 0.3207,
0.1605


 90.6702, 0.3107,
0.3725

 19.3908, 0.3209,
0.1556

 90.6705, 0.3107,
0.3725

 19.1462, 0.3210,
0.1542

 90.6708, 0.3107,
0.3724

 90.6711, 0.3107,
0.3724

Harmonies

Analogous

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



44.6409, 0.2694, 0.2526



44.6409, 0.3156, 0.2678



44.6409, 0.3645, 0.2965

Triad

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



44.6409, 0.3156, 0.2678



44.6409, 0.3912, 0.4035



44.6409, 0.2322, 0.3146

Complementary

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



44.6409, 0.3156, 0.2678



58.2407, 0.3094, 0.3989

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.



44.6409, 0.2605, 0.3632



44.6409, 0.3156, 0.2678



44.6409, 0.3519, 0.4173

Square

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



44.6409, 0.3156, 0.2678



44.6409, 0.4097, 0.3718



44.6409, 0.3040, 0.4032



44.6409, 0.2242, 0.2756

Rectangle

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



44.6409, 0.3156, 0.2678



44.6409, 0.3907, 0.3205



44.6409, 0.3040, 0.4032



44.6409, 0.2395, 0.3305

Sweetspot

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



44.6429, 0.3156, 0.2678



89.1350, 0.3135, 0.3118



37.9274, 0.2705, 0.2591



18.8884, 0.3136, 0.3103



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.



44.6429, 0.3156, 0.2678



60.5188, 0.3162, 0.2541



43.3984, 0.3391, 0.2973



12.6327, 0.3138, 0.3060



11.5739, 0.3210, 0.1542



0.6981, 0.3210, 0.1542

Inverse Universe

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



44.6429, 0.3156, 0.2678



60.5188, 0.3162, 0.2541



59.2758, 0.2926, 0.3631



12.6327, 0.3138, 0.3060



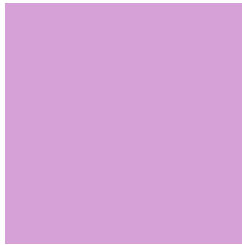
11.5739, 0.3210, 0.1542



0.6981, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 44.6409, 0.3156, 0.2678 looks on a white background.

Color Contrast Check

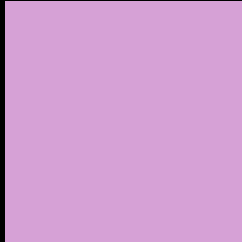
Large Text (above 18pt) WCAG AA × Fail

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 44.6409, 0.3156, 0.2678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

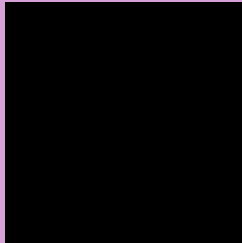
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6409, 0.3156, 0.2678

Background



This preview shows how black text looks on a background with the Yxy color 44.6409, 0.3156, 0.2678.



This preview shows how white text looks on a background with the Yxy color 44.6409, 0.3156, 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

44.6409, 0.3156, 0.2678

Protanopia

45.0960, 0.2695, 0.2686

Deuteranopia

44.6786, 0.2889, 0.2824



Tritanopia

44.4880, 0.3404, 0.3132

Trichromacy



Original Color

44.6409, 0.3156, 0.2678

Protanomaly

44.5366, 0.2847, 0.2676

Deuteranomaly

44.3359, 0.2979, 0.2763

Tritanomaly

44.5649, 0.3317, 0.2966

Monochromacy



Original Color

44.6409, 0.3156, 0.2678

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.0243, 0.3138, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6409, 0.3156, 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(214, 161, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 161, 214)  
}
```

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(214, 161, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 161, 214) }
```

Border

The CSS property to change the border of an element to Yxy 44.6409, 0.3156, 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(214, 161, 214) }
```

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

```
.border{ border-color:rgb(214, 161, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 161, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 161, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 161, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 161,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6409, 0.3156, 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(214, 161, 214) }
```

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

```
.background{ background-color: rgb(214,  
161, 214) }
```

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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