

Converting Colors

$Y_{xy}(43.5280, 0.3159, 0.2713)$

Have a look what the booklet for
Yxy(43.5280, 0.3159, 0.2713)
contains.

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Color

Yxy(43.4467, 0.3163, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	D2A0D1
RGB	210, 160, 209
RGB Percent	82%, 63%, 82%
CMY	0.1766, 0.3725, 0.1804
CMYK	0.00, 0.24, 0.00, 0.18
HSL	301°, 36%, 73%
HSV	301°, 24%, 82%
XYZ	50.6531, 43.4467, 66.0428
YIQ	180.5360, 14.0710, 25.8390

Conversions

Conversions Part 2

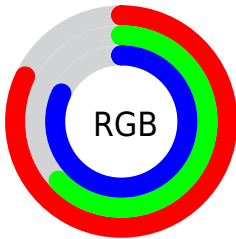
Format	Color
R _Y B	210, 160, 209
Decimal	13803729
CIE Lab	71.86, 26.68, -17.82
CIE LCh	72, 32.086, 326.263
Yxy	43.4467, 0.3163, 0.2713
Android (android.graphics.Color)	4291993809 (0xFFD2A0D1)
YUV	180.5360, 14.0328, 25.8399
Hunter-Lab	65.9141, 21.8225, -13.2659

Details

The Yxy color $43.4467, 0.3163, 0.2713$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $56.1289, 0.3090, 0.3944$, and the grayscale version is $45.8629, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0809, 0.3145, 0.2900$, and $20.0268, 0.3173, 0.2572$ is the 20% darker color. If you saturate the color by 10%, you get $36.7520, 0.3179, 0.2472$, and if you desaturate by 10%, it is $51.3748, 0.3147, 0.2958$.

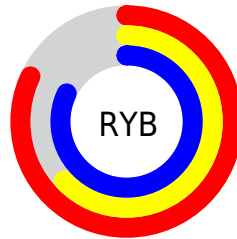
Distribution



Red (82%)

Green (63%)

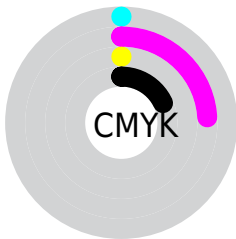
Blue (82%)



Red (82%)

Yellow (63%)

Blue (82%)

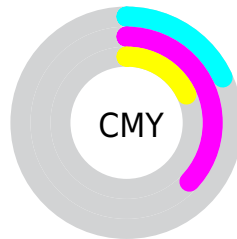


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (18%)


Magenta (37%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4467, 0.3163, 0.2713 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 43.4467, 0.3163, 0.2713 by changing the saturation by 10% instead.


 43.4467, 0.3163,
0.2713


 43.4467, 0.3163,
0.2713


360.4456, 0.3150,
0.2991

 30.2358, 0.3165,
0.2647


 80.3845, 0.3160,
0.2812

 20.0176, 0.3166,
0.2563


 104.8802, 0.3158,
0.2849

 12.4078, 0.3166,
0.2456


133.9062, 0.3156,
0.2882

 7.0221, 0.3164,
0.2311

167.8470, 0.3155,
0.2910

 3.4759, 0.3156,
0.2108

207.0869, 0.3154,
0.2934

 1.3850, 0.3132,
0.1805

252.0104, 0.3153,

 0.2056, 0.3238,

0.2955

0.0786

303.0018, 0.3151,
0.2974

0.0000, 0.0000,
0.0000

43.4467, 0.3163,
0.2713

43.4467, 0.3163,
0.2713

36.7520, 0.3179,
0.2472

51.3748, 0.3147,
0.2958

31.2232, 0.3195,
0.2244

60.5879, 0.3133,
0.3200

26.7952, 0.3210,
0.2038


71.1418, 0.3119,
0.3433

23.3940, 0.3224,
0.1864

83.0872, 0.3106,
0.3653

20.9368, 0.3236,
0.1729


89.9233, 0.3099,
0.3761

 19.3278, 0.3246,
0.1636


 89.9437, 0.3096,
0.3756

 18.4509, 0.3254,
0.1585

 89.9642, 0.3094,
0.3752

 18.1500, 0.3258,
0.1569

 89.9847, 0.3092,
0.3747

 90.0053, 0.3089,
0.3743

Harmonies

Analogous

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



43.4467, 0.2724, 0.2567



43.4467, 0.3163, 0.2713



43.4467, 0.3623, 0.2988

Triad

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



43.4467, 0.3163, 0.2713



43.4467, 0.3865, 0.3999



43.4467, 0.2362, 0.3150

Complementary

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



43.4467, 0.3163, 0.2713



56.1289, 0.3090, 0.3944

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.



43.4467, 0.2629, 0.3605



43.4467, 0.3163, 0.2713



43.4467, 0.3493, 0.4122

Square

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



43.4467, 0.3163, 0.2713



43.4467, 0.4041, 0.3704



43.4467, 0.3040, 0.3982



43.4467, 0.2289, 0.2782

Rectangle

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



43.4467, 0.3163, 0.2713



43.4467, 0.3867, 0.3217



43.4467, 0.3040, 0.3982



43.4467, 0.2431, 0.3299

Sweetspot

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



43.4486, 0.3163, 0.2713



89.1130, 0.3137, 0.3122



37.3598, 0.2731, 0.2625



18.8833, 0.3138, 0.3107



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.



43.4486, 0.3163, 0.2713



61.4562, 0.3172, 0.2579



42.3122, 0.3386, 0.2996



12.0049, 0.3141, 0.3065



11.0759, 0.3258, 0.1568



0.6206, 0.3248, 0.1563

Inverse Universe

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



43.4486, 0.3163, 0.2713



61.4562, 0.3172, 0.2579



57.0942, 0.2928, 0.3604



12.0049, 0.3141, 0.3065



11.0759, 0.3258, 0.1568



0.6206, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 43.4467, 0.3163, 0.2713 looks on a white background.

Color Contrast Check

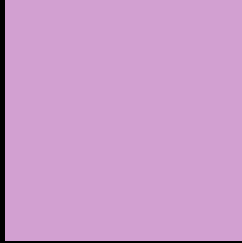
Large Text (above 18pt) WCAG AA × Fail

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 43.4467, 0.3163, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

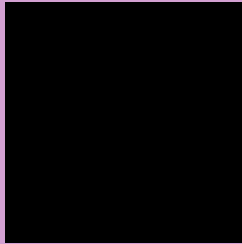
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4467, 0.3163, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 43.4467, 0.3163, 0.2713.



This preview shows how white text looks on a background with the Yxy color 43.4467, 0.3163, 0.2713.

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

43.4467, 0.3163, 0.2713

Protanopia

43.8814, 0.2725, 0.2727

Deuteranopia

43.5937, 0.2910, 0.2844



Tritanopia

43.6086, 0.3396, 0.3142

Trichromacy



Original Color

43.4467, 0.3163, 0.2713

Protanomaly

43.6008, 0.2874, 0.2728

Deuteranomaly

43.5065, 0.2994, 0.2793

Tritanomaly

43.4904, 0.3308, 0.2985

Monochromacy



Original Color

43.4467, 0.3163, 0.2713

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.8552, 0.3147, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4467, 0.3163, 0.2713 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(210, 160, 209)` looks like.

```
.text, #text, p{  
    color:rgb(210, 160, 209)  
}
```

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(210, 160, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 160, 209) }
```

Border

The CSS property to change the border of an element to Yxy 43.4467, 0.3163, 0.2713 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(210, 160, 209) }
```

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

```
.border{ border-color:rgb(210, 160, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 160, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 160, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 160, 209);  
box-shadow:4px 4px 4px 4px rgb(210, 160,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4467, 0.3163, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 160, 209) }
```

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

```
.background{ background-color: rgb(210,  
160, 209) }
```

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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