

Converting Colors

$Y_{xy}(41.6111, 0.3145, 0.2905)$

Have a look what the booklet for
Yxy(41.6111, 0.3145, 0.2905)
contains.

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Color

Yxy(41.5588, 0.3145, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	C2A3C2
RGB	194, 163, 194
RGB Percent	76%, 64%, 76%
CMY	0.2395, 0.3607, 0.2393
CMYK	0.00, 0.16, 0.00, 0.24
HSL	300°, 20%, 70%
HSV	300°, 16%, 76%
XYZ	45.0698, 41.5588, 56.6776
YIQ	175.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

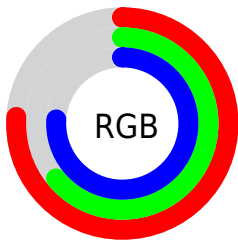
Format	Color
RYB	194, 163, 194
Decimal	12755906
CIELab	70.57, 16.77, -11.63
CIElCh	71, 20.411, 325.254
Yxy	41.5588, 0.3145, 0.2900
Android (android.graphics.Color)	4290945986 (0xFFC2A3C2)
YUV	175.8030, 8.9711, 15.9588
Hunter-Lab	64.4661, 11.9779, -7.0006

Details

The Yxy color **41.5588, 0.3145, 0.2900** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.0187, 0.3108, 0.3713**, and the grayscale version is **43.2553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6171, 0.3142, 0.2965**, and **18.8378, 0.3150, 0.2795** is the 20% darker color. If you saturate the color by 10%, you get **35.1864, 0.3156, 0.2652**, and if you desaturate by 10%, it is **48.9915, 0.3134, 0.3147**.

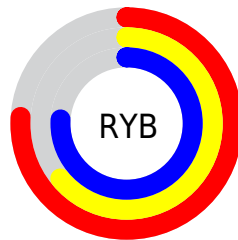
Distribution



Red (76%)

Green (64%)

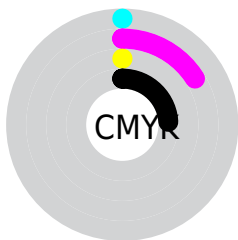
Blue (76%)



Red (76%)

Yellow (64%)

Blue (76%)

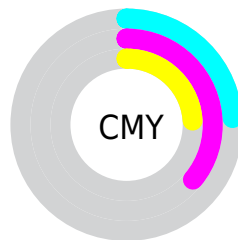


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5588, 0.3145, 0.2900 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 41.5588, 0.3145, 0.2900 by changing the saturation by 10% instead.

 41.5588, 0.3145,
0.2900

 41.5588, 0.3145,
0.2900


352.6507, 0.3138,
0.3093

 28.7560, 0.3146,
0.2853


 77.5314, 0.3143,
0.2970

 18.8963, 0.3147,
0.2792


 101.4701, 0.3142,
0.2996

 11.5954, 0.3147,
0.2712


129.8894, 0.3141,
0.3018

 6.4688, 0.3146,
0.2602

163.1739, 0.3141,
0.3037

 3.1322, 0.3142,
0.2441

201.7078, 0.3140,
0.3054

 1.2011, 0.3128,
0.2184

245.8757, 0.3139,

 0.0626, 0.3319,

0.3069

0.0443

296.0619, 0.3139,
0.3081

0.0000, 0.0000,
0.0000

41.5588, 0.3145,
0.2900

41.5588, 0.3145,
0.2900

35.1864, 0.3156,
0.2652

48.9915, 0.3134,
0.3147

29.8209, 0.3167,
0.2410

57.5240, 0.3123,
0.3385

25.4125, 0.3177,
0.2184

67.2005, 0.3112,
0.3612

21.9047, 0.3186,
0.1982

78.0610, 0.3103,
0.3823

19.2356, 0.3194,
0.1813

86.8964, 0.3096,
0.3970

■ 17.3350, 0.3199,
0.1685

■ 86.9005, 0.3096,
0.3970

■ 16.1216, 0.3203,
0.1598

■ 86.9047, 0.3096,
0.3970

■ 15.4928, 0.3205,
0.1552

■ 86.9088, 0.3096,
0.3970

■ 15.3209, 0.3205,
0.1539

■ 86.9130, 0.3097,
0.3970

Harmonies

Analogous

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



41.5588, 0.2858, 0.2806



41.5588, 0.3145, 0.2900



41.5588, 0.3439, 0.3086

Triad

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



41.5588, 0.3145, 0.2900



41.5588, 0.3615, 0.3752



41.5588, 0.2627, 0.3219

Complementary

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



41.5588, 0.3145, 0.2900



49.0187, 0.3108, 0.3713

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.



41.5588, 0.2813, 0.3502



41.5588, 0.3145, 0.2900



41.5588, 0.3382, 0.3819

Square

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



41.5588, 0.3145, 0.2900



41.5588, 0.3717, 0.3567



41.5588, 0.3088, 0.3729



41.5588, 0.2570, 0.2974

Rectangle

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



41.5588, 0.3145, 0.2900



41.5588, 0.3595, 0.3242



41.5588, 0.3088, 0.3729



41.5588, 0.2676, 0.3313

Sweetspot

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



41.5606, 0.3145, 0.2900



90.0513, 0.3133, 0.3168



38.0727, 0.2871, 0.2874



19.4918, 0.3134, 0.3150



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.



41.5606, 0.3145, 0.2900



71.2383, 0.3149, 0.2817



40.9284, 0.3277, 0.3085



10.2467, 0.3138, 0.3063



10.0748, 0.3205, 0.1539



0.4356, 0.3206, 0.1540

Inverse Universe

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



40.3199, 0.3425, 0.3290



68.5826, 0.3501, 0.3290



49.5821, 0.3000, 0.3505



10.0782, 0.3289, 0.3290



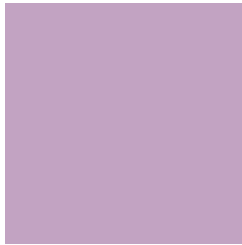
7.5413, 0.6399, 0.3299



0.3259, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 41.5588, 0.3145, 0.2900 looks on a white background.

Color Contrast Check

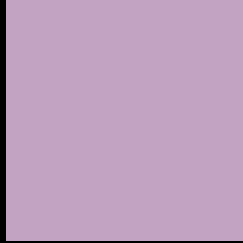
Large Text (above 18pt) WCAG AA × Fail

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 41.5588, 0.3145, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

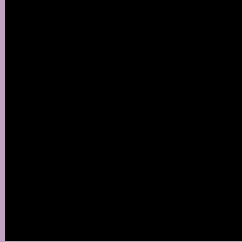
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5588, 0.3145, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 41.5588, 0.3145, 0.2900.



This preview shows how white text looks on a background with the Yxy color 41.5588, 0.3145, 0.2900.

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

41.5588, 0.3145, 0.2900

Protanopia

41.5742, 0.2879, 0.2918

Deuteranopia

41.5588, 0.3027, 0.2963



Tritanopia

41.7336, 0.3255, 0.3122

Trichromacy



Original Color

41.5588, 0.3145, 0.2900

Protanomaly

41.3836, 0.2969, 0.2911

Deuteranomaly

41.4370, 0.3071, 0.2941

Tritanomaly

41.7084, 0.3222, 0.3047

Monochromacy



Original Color

41.5588, 0.3145, 0.2900

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6120, 0.3135, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5588, 0.3145, 0.2900 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(194, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 163, 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(194, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 163, 194) }
```

Border

The CSS property to change the border of an element to Yxy 41.5588, 0.3145, 0.2900 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(194, 163, 194) }
```

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

```
.border{ border-color:rgb(194, 163, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 163,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5588, 0.3145, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 163, 194) }
```

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

```
.background{ background-color: rgb(194,  
163, 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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