

Converting Colors

$Yxy(41.2427, 0.3185, 0.2978)$

Have a look what the booklet for
Yxy(41.2427, 0.3185, 0.2978)
contains.

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Color

Yxy(41.1627, 0.3188, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	C1A3BC
RGB	193, 163, 188
RGB Percent	76%, 64%, 74%
CMY	0.2434, 0.3607, 0.2628
CMYK	0.00, 0.16, 0.03, 0.24
HSL	310°, 19%, 70%
HSV	310°, 16%, 76%
XYZ	44.1543, 41.1627, 53.1846
YIQ	174.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

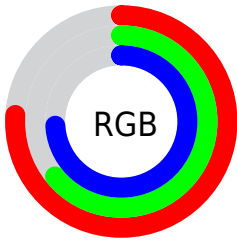
Format	Color
R _{YB}	193, 163, 188
Decimal	12690364
CIE Lab	70.29, 15.30, -8.73
CIE LCh	70, 17.619, 330.286
Yxy	41.1627, 0.3188, 0.2972
Android (android.graphics.Color)	4290880444 (0xFFC1A3BC)
YUV	174.8200, 6.4977, 15.9439
Hunter-Lab	64.1582, 10.5688, -4.2384

Details

The Yxy color $41.1627, 0.3188, 0.2972$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $48.7316, 0.3072, 0.3630$, and the grayscale version is $42.7319, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9985, 0.3182, 0.3031$, and $18.6071, 0.3198, 0.2874$ is the 20% darker color. If you saturate the color by 10%, you get $34.6896, 0.3234, 0.2760$, and if you desaturate by 10%, it is $48.6878, 0.3147, 0.3179$.

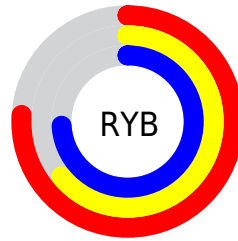
Distribution



Red (76%)

Green (64%)

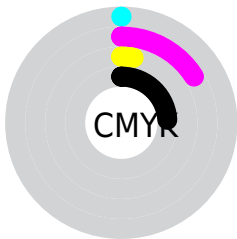
Blue (74%)



Red (76%)

Yellow (64%)

Blue (74%)

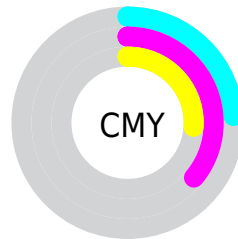


Cyan (0%)

Magenta (16%)

Yellow (3%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1627, 0.3188, 0.2972 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 41.1627, 0.3188, 0.2972 by changing the saturation by 10% instead.

 41.1627, 0.3188,
0.2972


 41.1627, 0.3188,
0.2972


351.0002, 0.3159,
0.3130

 28.4462, 0.3195,
0.2933


 76.9308, 0.3178,
0.3029

 18.6623, 0.3204,
0.2882


 100.7513, 0.3174,
0.3051

 11.4265, 0.3215,
0.2815


129.0418, 0.3170,
0.3069

 6.3545, 0.3230,
0.2722

162.1869, 0.3167,
0.3085

 3.0618, 0.3250,
0.2585

200.5709, 0.3165,
0.3099

 1.1641, 0.3280,
0.2360

244.5781, 0.3163,

 0.0321, 0.3736,

0.3111

0.0297

294.5931, 0.3161,
0.3121

0.0000, 0.0000,
0.0000

41.1627, 0.3188,
0.2972

41.1627, 0.3188,
0.2972

34.6896, 0.3234,
0.2760

48.6878, 0.3147,
0.3179

29.2159, 0.3286,
0.2551

57.3038, 0.3112,
0.3378

24.6925, 0.3343,
0.2351

67.0541, 0.3082,
0.3565

21.0641, 0.3404,
0.2170

77.9783, 0.3056,
0.3740

18.2697, 0.3468,
0.2017

87.2090, 0.3035,
0.3856

■ 16.2405, 0.3532,
0.1903

■ 87.3641, 0.3017,
0.3819

■ 14.8970, 0.3594,
0.1831

■ 87.5224, 0.3000,
0.3782

■ 14.1407, 0.3654,
0.1805

■ 87.6839, 0.2983,
0.3746

■ 13.9014, 0.3680,
0.1801

■ 87.8486, 0.2966,
0.3709

Harmonies

Analogous

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



41.1627, 0.2933, 0.2875



41.1627, 0.3188, 0.2972



41.1627, 0.3435, 0.3146

Triad

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



41.1627, 0.3188, 0.2972



41.1627, 0.3523, 0.3709



41.1627, 0.2675, 0.3190

Complementary

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



41.1627, 0.3188, 0.2972



48.7316, 0.3072, 0.3630

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.



41.1627, 0.2821, 0.3434



41.1627, 0.3188, 0.2972



41.1627, 0.3309, 0.3743

Square

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



41.1627, 0.3188, 0.2972



41.1627, 0.3633, 0.3565



41.1627, 0.3051, 0.3642



41.1627, 0.2645, 0.2989

Rectangle

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



41.1627, 0.3188, 0.2972



41.1627, 0.3559, 0.3286



41.1627, 0.3051, 0.3642



41.1627, 0.2712, 0.3270

Sweetspot

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



41.1645, 0.3188, 0.2972



87.8753, 0.3146, 0.3188



38.3237, 0.2918, 0.2884



18.6324, 0.3148, 0.3174



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.1645, 0.3188, 0.2972



69.1558, 0.3205, 0.2892



40.5709, 0.3318, 0.3154



10.2179, 0.3162, 0.3100



9.2622, 0.3673, 0.1797



0.4080, 0.3553, 0.1731

Inverse Universe

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



41.1645, 0.3188, 0.2972



69.1558, 0.3205, 0.2892



49.3019, 0.2968, 0.3430



10.2179, 0.3162, 0.3100



9.2622, 0.3673, 0.1797



0.4080, 0.3553, 0.1731

Previews

White Background



This preview shows how the Yxy color 41.1627, 0.3188, 0.2972 looks on a white background.

Color Contrast Check

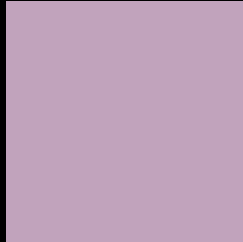
Large Text (above 18pt) WCAG AA × Fail

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 41.1627, 0.3188, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

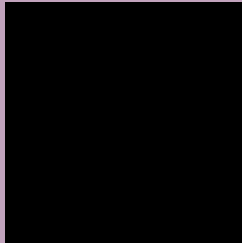
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1627, 0.3188, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 41.1627, 0.3188, 0.2972.



This preview shows how white text looks on a background with the Yxy color 41.1627, 0.3188, 0.2972.

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

41.1627, 0.3188, 0.2972

Protanopia

41.4111, 0.2933, 0.2995

Deuteranopia

41.1704, 0.3094, 0.3027



Tritanopia

41.2010, 0.3256, 0.3122

Trichromacy



Original Color

41.1627, 0.3188, 0.2972

Protanomaly

41.2318, 0.3026, 0.2987

Deuteranomaly

41.2994, 0.3131, 0.3017

Tritanomaly

41.1348, 0.3231, 0.3058

Monochromacy



Original Color

41.1627, 0.3188, 0.2972

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3662, 0.3151, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1627, 0.3188, 0.2972 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(193, 163, 188)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 188)  
}
```

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(193, 163, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 188) }
```

Border

The CSS property to change the border of an element to Yxy 41.1627, 0.3188, 0.2972 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(193, 163, 188) }
```

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

```
.border{ border-color:rgb(193, 163, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 163, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 163, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 163, 188);  
box-shadow:4px 4px 4px 4px rgb(193, 163,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1627, 0.3188, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 163, 188) }
```

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

```
.background{ background-color: rgb(193,  
163, 188) }
```

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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