

Converting Colors

$Yxy(28.3217, 0.3048, 0.2563)$

Have a look what the booklet for
Yxy(28.3217, 0.3048, 0.2563)
contains.

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Color

Yxy(28.1548, 0.3045, 0.2556)

Conversions

Conversions Part 1

Format	Color
Hex	AC82B7
RGB	172, 130, 183
RGB Percent	67%, 51%, 72%
CMY	0.3255, 0.4902, 0.2824
CMYK	0.06, 0.29, 0.00, 0.28
HSL	288°, 27%, 61%
HSV	288°, 29%, 72%
XYZ	33.5412, 28.1548, 48.4558
YIQ	148.6000, 8.0190, 25.3870

Conversions

Conversions Part 2

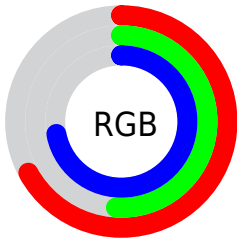
Format	Color
R_{YB}	172, 130, 183
Decimal	11305655
CIE _{Lab}	60.03, 25.62, -21.61
CIE _{LCh}	60, 33.521, 319.855
Yxy	28.1548, 0.3045, 0.2556
Android (android.graphics.Color)	4289495735 (0xFFAC82B7)
YUV	148.6000, 16.9592, 20.5218
Hunter-Lab	53.0611, 19.9773, -17.0013

Details

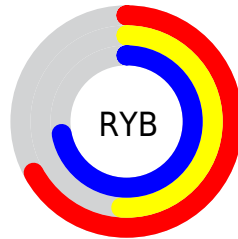
The Yxy color **28.1548, 0.3045, 0.2556** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.1330, 0.3180, 0.4095**, and the grayscale version is **29.8038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5929, 0.3068, 0.2691**, and **11.2710, 0.3003, 0.2333** is the 20% darker color. If you saturate the color by 10%, you get **23.2899, 0.3006, 0.2295**, and if you desaturate by 10%, it is **33.8999, 0.3078, 0.2817**.

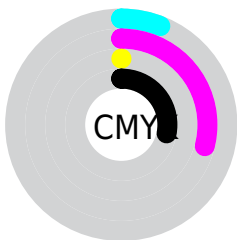
Distribution



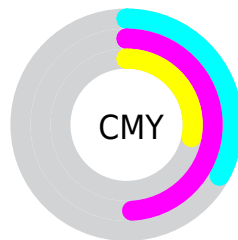
- Red (67%)
- Green (51%)
- Blue (72%)



- Red (67%)
- Yellow (51%)
- Blue (72%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (28%)




- Cyan (33%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1548, 0.3045, 0.2556 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 28.1548, 0.3045, 0.2556 by changing the saturation by 10% instead.


 28.1548, 0.3045,
0.2556


 28.1548, 0.3045,
0.2556


293.2059, 0.3097,
0.2932


 18.4424, 0.3028,
0.2460


 56.7315, 0.3067,
0.2694

 11.2681, 0.3004,
0.2336


 76.3646, 0.3074,
0.2746

 6.2474, 0.2968,
0.2169


 100.0733, 0.3080,
0.2789

 2.9961, 0.2907,
0.1934

128.2421, 0.3084,
0.2826

 1.1297, 0.2795,
0.1587

161.2554, 0.3088,
0.2858

 0.0031, 0.2784,
0.0014

199.4975, 0.3092,

 0.0000, 0.0000,

0.2886

0.0000

243.3529, 0.3094,
0.2910

■ 28.1548, 0.3045,
0.2556

■ 28.1548, 0.3045,
0.2556

■ 23.2899, 0.3006,
0.2295

■ 33.8999, 0.3078,
0.2817

■ 19.2558, 0.2961,
0.2045

■ 40.5643, 0.3106,
0.3072

■ 16.0033, 0.2912,
0.1814

■ 48.1889, 0.3129,
0.3315

■ 13.4768, 0.2859,
0.1614

■ 56.8112, 0.3148,
0.3542

■ 11.6132, 0.2805,
0.1454

■ 66.4665, 0.3162,
0.3752

10.3383, 0.2749,
0.1338

77.1886, 0.3173,
0.3944

9.5202, 0.2695,
0.1263

87.0191, 0.3184,
0.4090

9.4423, 0.2690,
0.1255

87.5430, 0.3207,
0.4084

88.0799, 0.3232,
0.4078

Harmonies

Analogous

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



28.1548, 0.2549, 0.2420



28.1548, 0.3045, 0.2556



28.1548, 0.3611, 0.2849

Triad

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



28.1548, 0.3045, 0.2556



28.1548, 0.4078, 0.4067



28.1548, 0.2264, 0.3226

Complementary

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



28.1548, 0.3045, 0.2556



41.1330, 0.3180, 0.4095

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.



28.1548, 0.2619, 0.3789



28.1548, 0.3045, 0.2556



28.1548, 0.3666, 0.4289

Square

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



28.1548, 0.3045, 0.2556



28.1548, 0.4235, 0.3679



28.1548, 0.3130, 0.4204



28.1548, 0.2131, 0.2751

Rectangle

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



28.1548, 0.3045, 0.2556



28.1548, 0.3937, 0.3106



28.1548, 0.3130, 0.4204



28.1548, 0.2359, 0.3414

Sweetspot

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



28.1560, 0.3045, 0.2556



72.4133, 0.3106, 0.3067



27.3577, 0.2647, 0.2647



15.5884, 0.3102, 0.3031



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



28.1560, 0.3045, 0.2556



44.4899, 0.3020, 0.2383



28.8584, 0.3318, 0.2769



9.0662, 0.3105, 0.3062



6.6185, 0.2696, 0.1259



0.2573, 0.2836, 0.1336

Inverse Universe

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



27.9550, 0.3624, 0.3135



44.1441, 0.3786, 0.3099



40.6506, 0.2979, 0.3875



9.0419, 0.3256, 0.3243



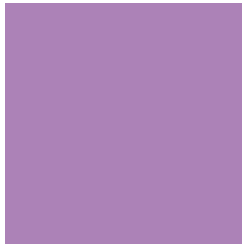
7.1287, 0.6026, 0.3093



0.2603, 0.5320, 0.2704

Previews

White Background



This preview shows how the Yxy color 28.1548, 0.3045, 0.2556 looks on a white background.

Color Contrast Check

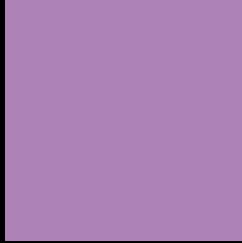
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1548, 0.3045, 0.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

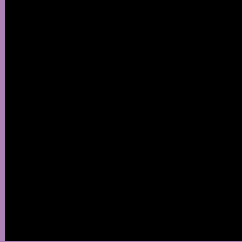
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1548, 0.3045, 0.2556

Background



This preview shows how black text looks on a background with the Yxy color 28.1548, 0.3045, 0.2556.



This preview shows how white text looks on a background with the Yxy color 28.1548, 0.3045, 0.2556.

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

28.1548, 0.3045, 0.2556

Protanopia

28.3205, 0.2583, 0.2539

Deuteranopia

28.3449, 0.2762, 0.2699



Tritanopia

28.2134, 0.3356, 0.3141

Trichromacy



Original Color

28.1548, 0.3045, 0.2556

Protanomaly

27.9621, 0.2738, 0.2541

Deuteranomaly

28.2298, 0.2854, 0.2643

Tritanomaly

28.0233, 0.3244, 0.2911

Monochromacy



Original Color

28.1548, 0.3045, 0.2556

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.0873, 0.3099, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1548, 0.3045, 0.2556 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(172, 130, 183)` looks like.

```
.text, #text, p{  
    color:rgb(172, 130, 183)  
}
```

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(172, 130, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 130, 183) }
```

Border

The CSS property to change the border of an element to Yxy 28.1548, 0.3045, 0.2556 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(172, 130, 183) }
```

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

```
.border{ border-color:rgb(172, 130, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 130, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 130, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 130, 183);  
box-shadow:4px 4px 4px 4px rgb(172, 130,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1548, 0.3045, 0.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 130, 183) }
```

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

```
.background{ background-color: rgb(172,  
130, 183) }
```

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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