

Converting Colors

$Y_{xy}(28.1233, 0.3253, 0.2506)$

Have a look what the booklet for
Yxy(28.1233, 0.3253, 0.2506)
contains.

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Color

Yxy(28.2436, 0.3252, 0.2507)

Conversions

Conversions Part 1

Format	Color
Hex	BE7AB6
RGB	190, 122, 182
RGB Percent	75%, 48%, 71%
CMY	0.2549, 0.5215, 0.2863
CMYK	0.00, 0.36, 0.04, 0.25
HSL	307°, 34%, 61%
HSV	307°, 36%, 75%
XYZ	36.6367, 28.2436, 47.7787
YIQ	149.1720, 21.2680, 33.0760

Conversions

Conversions Part 2

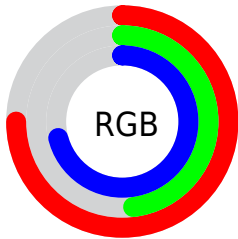
Format	Color
R _{YB}	190, 122, 182
Decimal	12483254
CIE _{Lab}	60.11, 35.83, -20.76
CIE _{LCh}	60, 41.411, 329.913
Yxy	28.2436, 0.3252, 0.2507
Android (android.graphics.Color)	4290673334 (0xFFBE7AB6)
YUV	149.1720, 16.1842, 35.8062
Hunter-Lab	53.1447, 30.0504, -16.1022

Details

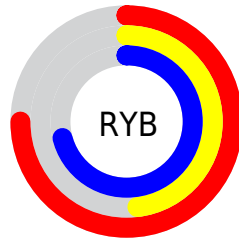
The Yxy color **28.2436, 0.3252, 0.2507** is a light color, and the websafe version is hex **996699**. A complement of this color would be **42.5729, 0.3024, 0.4225**, and the grayscale version is **30.0558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9979, 0.3231, 0.2657**, and **11.2424, 0.3272, 0.2270** is the 20% darker color. If you saturate the color by 10%, you get **23.9345, 0.3295, 0.2299**, and if you desaturate by 10%, it is **33.4688, 0.3212, 0.2726**.

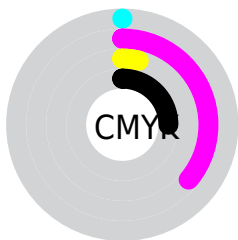
Distribution



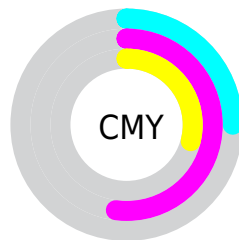
- Red (75%)
- Green (48%)
- Blue (71%)



- Red (75%)
- Yellow (48%)
- Blue (71%)



- Cyan (0%)
- Magenta (36%)
- Yellow (4%)
- Black (25%)





- Cyan (25%)
- Magenta (52%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.2436, 0.3252, 0.2507 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 28.2436, 0.3252, 0.2507 by changing the saturation by 10% instead.


 28.2436, 0.3252,
0.2507


 28.2436, 0.3252,
0.2507


293.6291, 0.3196,
0.2904


 18.5094, 0.3264,
0.2407


 56.8731, 0.3233,
0.2652

 11.3163, 0.3277,
0.2278


 76.5372, 0.3226,
0.2706

 6.2800, 0.3292,
0.2107


 100.2800, 0.3219,
0.2752

 3.0161, 0.3307,
0.1869

128.4860, 0.3213,
0.2791

 1.1401, 0.3313,
0.1521

161.5395, 0.3208,
0.2825

 0.0120, 0.3613,
0.0049

199.8249, 0.3203,

 0.0000, 0.0000,

0.2855

0.0000

243.7266, 0.3199,
0.2881

■ 28.2436, 0.3252,
0.2507

■ 28.2436, 0.3252,
0.2507

■ 23.9345, 0.3295,
0.2299

■ 33.4688, 0.3212,
0.2726

■ 20.4842, 0.3339,
0.2112

■ 39.6552, 0.3176,
0.2949

■ 17.8352, 0.3385,
0.1954


■ 46.8499, 0.3144,
0.3167

■ 15.9211, 0.3430,
0.1835


■ 55.0953, 0.3116,
0.3377

■ 14.6648, 0.3473,
0.1759

■ 64.4316, 0.3091,
0.3576

 13.9700, 0.3514,
0.1726

 74.8971, 0.3070,
0.3761

 13.7609, 0.3530,
0.1718

 86.5261, 0.3052,
0.3932

 86.6296, 0.3039,
0.3906

 86.7347, 0.3027,
0.3881

Harmonies

Analogous

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



28.2436, 0.2600, 0.2278



28.2436, 0.3252, 0.2507



28.2436, 0.3938, 0.2900

Triad

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



28.2436, 0.3252, 0.2507



28.2436, 0.4135, 0.4348



28.2436, 0.1998, 0.2977

Complementary

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



28.2436, 0.3252, 0.2507



42.5729, 0.3024, 0.4225

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.



28.2436, 0.2330, 0.3675



28.2436, 0.3252, 0.2507



28.2436, 0.3556, 0.4547

Square

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



28.2436, 0.3252, 0.2507



28.2436, 0.4462, 0.3905



28.2436, 0.2894, 0.4308



28.2436, 0.1940, 0.2483

Rectangle

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



28.2436, 0.3252, 0.2507



28.2436, 0.4286, 0.3221



28.2436, 0.2894, 0.4308



28.2436, 0.2079, 0.3195

Sweetspot

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



28.2449, 0.3252, 0.2507



77.6395, 0.3161, 0.3050



22.3797, 0.2557, 0.2249



16.6621, 0.3165, 0.3020



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.



28.2449, 0.3252, 0.2507



44.8743, 0.3286, 0.2341



27.0076, 0.3644, 0.2934



9.6765, 0.3155, 0.3090



9.1588, 0.3525, 0.1716



0.3643, 0.3440, 0.1669

Inverse Universe

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



28.2449, 0.3252, 0.2507



44.8743, 0.3286, 0.2341



43.6391, 0.2795, 0.3681



9.6765, 0.3155, 0.3090



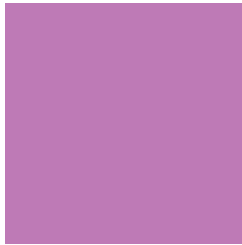
9.1588, 0.3525, 0.1716



0.3643, 0.3440, 0.1669

Previews

White Background



This preview shows how the Yxy color 28.2436, 0.3252, 0.2507 looks on a white background.

Color Contrast Check

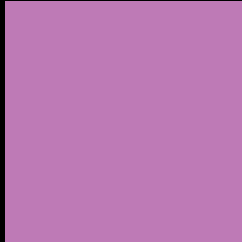
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2436, 0.3252, 0.2507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

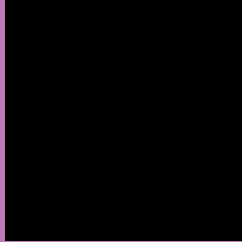
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2436, 0.3252, 0.2507

Background



This preview shows how black text looks on a background with the Yxy color 28.2436, 0.3252, 0.2507.



This preview shows how white text looks on a background with the Yxy color 28.2436, 0.3252, 0.2507.

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

28.2436, 0.3252, 0.2507

Protanopia

28.3893, 0.2531, 0.2472

Deuteranopia

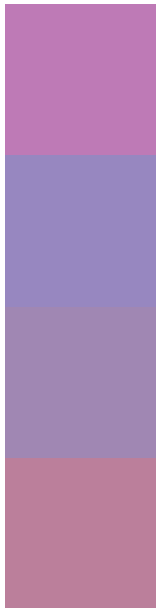
28.4000, 0.2805, 0.2744



Tritanopia

28.1730, 0.3660, 0.3151

Trichromacy



Original Color

28.2436, 0.3252, 0.2507

Protanomaly

27.7130, 0.2757, 0.2469

Deuteranomaly

28.0562, 0.2959, 0.2653

Tritanomaly

28.1101, 0.3514, 0.2905

Monochromacy



Original Color

28.2436, 0.3252, 0.2507

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.9310, 0.3174, 0.2965

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2436, 0.3252, 0.2507 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(190, 122, 182)` looks like.

```
.text, #text, p{  
    color:rgb(190, 122, 182)  
}
```

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(190, 122, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 122, 182) }
```

Border

The CSS property to change the border of an element to Yxy 28.2436, 0.3252, 0.2507 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(190, 122, 182) }
```

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

```
.border{ border-color:rgb(190, 122, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 122, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 122, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 122, 182);  
box-shadow:4px 4px 4px 4px rgb(190, 122,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2436, 0.3252, 0.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 122, 182) }
```

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

```
.background{ background-color: rgb(190,  
122, 182) }
```

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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