

Converting Colors

$Y_{xy}(31.6716, 0.2927, 0.2526)$

Have a look what the booklet for
Yxy(31.6716, 0.2927, 0.2526)
contains.

Yxy(31.6716, 0.2927, 0.2526)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.6716, 0.2927, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	AD8CC5
RGB	173, 140, 197
RGB Percent	68%, 55%, 77%
CMY	0.3214, 0.4511, 0.2274
CMYK	0.12, 0.29, 0.00, 0.23
HSL	275°, 33%, 66%
HSV	275°, 29%, 77%
XYZ	36.6994, 31.6716, 57.0114
YIQ	156.3650, 1.3710, 24.7230

Conversions

Conversions Part 2

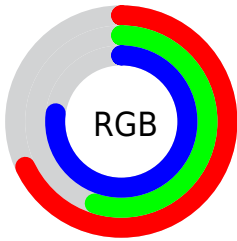
Format	Color
R _Y B	173, 140, 197
Decimal	11373765
CIE Lab	63.07, 23.27, -24.87
CIE LCh	63, 34.060, 313.095
Yxy	31.6716, 0.2927, 0.2526
Android (android.graphics.Color)	4289563845 (0xFFAD8CC5)
YUV	156.3650, 20.0331, 14.5889
Hunter-Lab	56.2775, 17.9169, -20.6689

Details

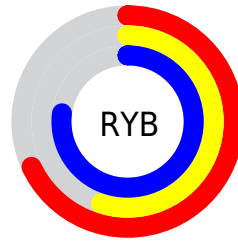
The Yxy color **31.6716, 0.2927, 0.2526** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.7193, 0.3278, 0.4075**, and the grayscale version is **33.3281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3973, 0.2969, 0.2666**, and **13.2886, 0.2853, 0.2318** is the 20% darker color. If you saturate the color by 10%, you get **25.5075, 0.2837, 0.2240**, and if you desaturate by 10%, it is **38.9275, 0.3006, 0.2804**.

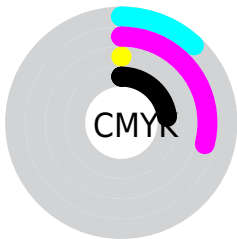
Distribution



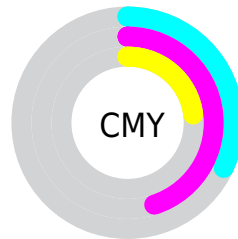
- Red (68%)
- Green (55%)
- Blue (77%)



- Red (68%)
- Yellow (55%)
- Blue (77%)



- Cyan (12%)
- Magenta (29%)
- Yellow (0%)
- Black (23%)





- Cyan (32%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6716, 0.2927, 0.2526 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 31.6716, 0.2927, 0.2526 by changing the saturation by 10% instead.


 31.6716, 0.2927,
0.2526


 31.6716, 0.2927,
0.2526


309.6206, 0.3039,
0.2910


 21.1108, 0.2895,
0.2430


 62.2959, 0.2971,
0.2666

 13.2050, 0.2852,
0.2308


 83.1282, 0.2986,
0.2718

 7.5699, 0.2790,
0.2146


 108.1531, 0.2999,
0.2762

 3.8210, 0.2697,
0.1924

137.7550, 0.3010,
0.2800

 1.5739, 0.2543,
0.1605

172.3183, 0.3019,
0.2833

 0.3399, 0.2315,
0.0882

212.2274, 0.3027,

 0.0000, 0.0000,

0.2862

0.0000

257.8667, 0.3033,
0.2887

■ 31.6716, 0.2927,
0.2526

■ 31.6716, 0.2927,
0.2526

■ 25.5075, 0.2837,
0.2240

■ 38.9275, 0.3006,
0.2804

■ 20.3752, 0.2737,
0.1957

■ 47.3233, 0.3075,
0.3069

■ 16.2149, 0.2629,
0.1687

■ 56.9087, 0.3133,
0.3315

■ 12.9585, 0.2516,
0.1445

■ 67.7296, 0.3181,
0.3541

■ 10.5293, 0.2404,
0.1243

■ 79.8290, 0.3222,
0.3746

8.8366, 0.2295,
0.1091

91.1953, 0.3259,
0.3901

7.7291, 0.2194,
0.0987

92.5403, 0.3312,
0.3890

7.6254, 0.2184,
0.0977

93.9505, 0.3367,
0.3880

95.4267, 0.3422,
0.3869

Harmonies

Analogous

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



31.6716, 0.2474, 0.2433



31.6716, 0.2927, 0.2526



31.6716, 0.3478, 0.2783

Triad

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



31.6716, 0.2927, 0.2526



31.6716, 0.4117, 0.3975



31.6716, 0.2343, 0.3352

Complementary

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



31.6716, 0.2927, 0.2526



49.7193, 0.3278, 0.4075

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.



31.6716, 0.2734, 0.3889



31.6716, 0.2927, 0.2526



31.6716, 0.3761, 0.4239

Square

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



31.6716, 0.2927, 0.2526



31.6716, 0.4201, 0.3578



31.6716, 0.3252, 0.4230



31.6716, 0.2161, 0.2854

Rectangle

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



31.6716, 0.2927, 0.2526



31.6716, 0.3820, 0.3021



31.6716, 0.3252, 0.4230



31.6716, 0.2453, 0.3537

Sweetspot

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



31.6729, 0.2927, 0.2526



84.4382, 0.3074, 0.3064



36.4067, 0.2663, 0.2828



17.5709, 0.3064, 0.3026



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.



31.6729, 0.2927, 0.2526



49.2303, 0.2869, 0.2338



34.4830, 0.3197, 0.2621



10.5860, 0.3072, 0.3058



5.0647, 0.2196, 0.0983



0.2817, 0.2404, 0.1098

Inverse Universe

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



33.3016, 0.3495, 0.2977



52.7653, 0.3611, 0.2903



47.5206, 0.3062, 0.4065



10.7096, 0.3225, 0.3193



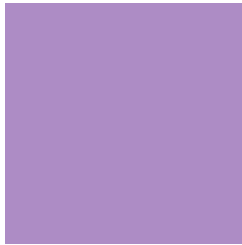
8.2320, 0.5273, 0.2679



0.4042, 0.4739, 0.2384

Previews

White Background



This preview shows how the Yxy color 31.6716, 0.2927, 0.2526 looks on a white background.

Color Contrast Check

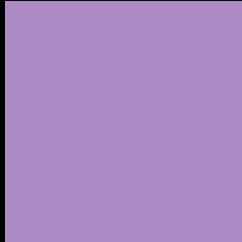
Large Text (above 18pt) WCAG AA × Fail

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 31.6716, 0.2927, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

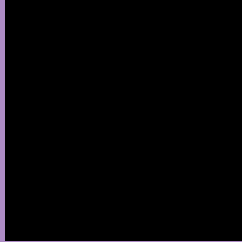
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6716, 0.2927, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 31.6716, 0.2927, 0.2526.



This preview shows how white text looks on a background with the Yxy color 31.6716, 0.2927, 0.2526.

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

31.6716, 0.2927, 0.2526

Protanopia

31.8594, 0.2562, 0.2519

Deuteranopia

31.7726, 0.2697, 0.2642



Tritanopia

31.5861, 0.3218, 0.3115

Trichromacy



Original Color

31.6716, 0.2927, 0.2526

Protanomaly

31.6157, 0.2683, 0.2519

Deuteranomaly

31.5119, 0.2772, 0.2587

Tritanomaly

31.3987, 0.3106, 0.2878

Monochromacy



Original Color

31.6716, 0.2927, 0.2526

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.4343, 0.3052, 0.2986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6716, 0.2927, 0.2526 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(173, 140, 197)` looks like.

```
.text, #text, p{  
    color:rgb(173, 140, 197)  
}
```

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(173, 140, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 140, 197) }
```

Border

The CSS property to change the border of an element to Yxy 31.6716, 0.2927, 0.2526 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(173, 140, 197) }
```

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

```
.border{ border-color:rgb(173, 140, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 140, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 140, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 140, 197);  
box-shadow:4px 4px 4px 4px rgb(173, 140,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6716, 0.2927, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 140, 197) }
```

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

```
.background{ background-color: rgb(173,  
140, 197) }
```

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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