

Converting Colors

$Y_{xy}(28.3186, 0.2974, 0.2516)$

Have a look what the booklet for
Yxy(28.3186, 0.2974, 0.2516)
contains.

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Color

Yxy(28.2555, 0.2976, 0.2514)

Conversions

Conversions Part 1

Format	Color
Hex	A983BB
RGB	169, 131, 187
RGB Percent	66%, 51%, 73%
CMY	0.3372, 0.4863, 0.2668
CMYK	0.10, 0.30, 0.00, 0.27
HSL	281°, 29%, 62%
HSV	281°, 30%, 73%
XYZ	33.4480, 28.2555, 50.6891
YIQ	148.7460, 4.6720, 25.4720

Conversions

Conversions Part 2

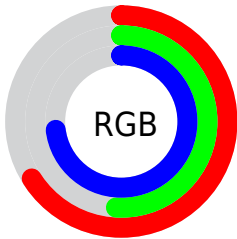
Format	Color
R _Y B	169, 131, 187
Decimal	11109307
CIE Lab	60.12, 24.91, -23.77
CIE LCh	60, 34.426, 316.342
Yxy	28.2555, 0.2976, 0.2514
Android (android.graphics.Color)	4289299387 (0xFFA983BB)
YUV	148.7460, 18.8592, 17.7628
Hunter-Lab	53.1559, 19.2972, -19.3294

Details

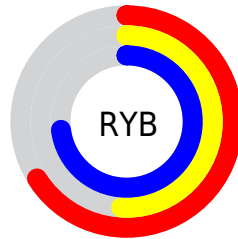
The Yxy color **28.2555, 0.2976, 0.2514** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.5537, 0.3235, 0.4114**, and the grayscale version is **29.8615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7596, 0.3015, 0.2659**, and **11.3191, 0.2904, 0.2275** is the 20% darker color. If you saturate the color by 10%, you get **23.0308, 0.2909, 0.2240**, and if you desaturate by 10%, it is **34.4193, 0.3035, 0.2785**.

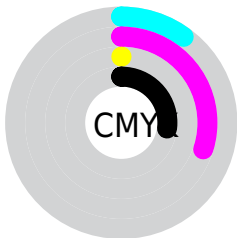
Distribution



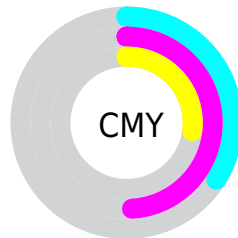
- Red (66%)
- Green (51%)
- Blue (73%)



- Red (66%)
- Yellow (51%)
- Blue (73%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)
- Black (27%)





- Cyan (34%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2555, 0.2976, 0.2514 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 28.2555, 0.2976, 0.2514 by changing the saturation by 10% instead.


 28.2555, 0.2976,
0.2514


 28.2555, 0.2976,
0.2514


293.6858, 0.3065,
0.2910

 18.5183, 0.2949,
0.2413


 56.8921, 0.3012,
0.2660

 11.3228, 0.2912,
0.2283


 76.5603, 0.3024,
0.2714

 6.2844, 0.2857,
0.2110


 100.3077, 0.3034,
0.2759

 3.0188, 0.2770,
0.1867

128.5187, 0.3042,
0.2798

 1.1415, 0.2617,
0.1512

161.5776, 0.3049,
0.2832

 0.0132, 0.2483,
0.0053

199.8688, 0.3055,

 0.0000, 0.0000,

0.2861

0.0000

243.7767, 0.3060,
0.2887

■ 28.2555, 0.2976,
0.2514

■ 28.2555, 0.2976,
0.2514

■ 23.0308, 0.2909,
0.2240

■ 34.4193, 0.3035,
0.2785

■ 18.6925, 0.2834,
0.1973

■ 41.5641, 0.3085,
0.3046

■ 15.1879, 0.2752,
0.1724

■ 49.7336, 0.3127,
0.3292

■ 12.4574, 0.2667,
0.1505

■ 58.9678, 0.3162,
0.3520

■ 10.4331, 0.2580,
0.1326

■ 69.3045, 0.3191,
0.3729

■ 9.0348, 0.2495,
0.1194

■ 80.7796, 0.3214,
0.3919

■ 8.1033, 0.2413,
0.1103

■ 88.9565, 0.3240,
0.4026

■ 8.0977, 0.2412,
0.1103

■ 89.8592, 0.3279,
0.4017

■ 90.7953, 0.3318,
0.4008

Harmonies

Analogous

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



28.2555, 0.2486, 0.2397



28.2555, 0.2976, 0.2514



28.2555, 0.3557, 0.2797

Triad

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



28.2555, 0.2976, 0.2514



28.2555, 0.4136, 0.4043



28.2555, 0.2274, 0.3290

Complementary

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



28.2555, 0.2976, 0.2514



43.5537, 0.3235, 0.4114

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.



28.2555, 0.2661, 0.3865



28.2555, 0.2976, 0.2514



28.2555, 0.3737, 0.4301

Square

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



28.2555, 0.2976, 0.2514



28.2555, 0.4261, 0.3634



28.2555, 0.3194, 0.4259



28.2555, 0.2111, 0.2784

Rectangle

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



28.2555, 0.2976, 0.2514



28.2555, 0.3906, 0.3052



28.2555, 0.3194, 0.4259



28.2555, 0.2381, 0.3485

Sweetspot

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



28.2567, 0.2976, 0.2514



75.5531, 0.3089, 0.3066



30.1163, 0.2639, 0.2724



16.1959, 0.3082, 0.3029



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



28.2567, 0.2976, 0.2514



44.2187, 0.2932, 0.2332



29.9947, 0.3257, 0.2669



9.5387, 0.3088, 0.3060



5.6213, 0.2422, 0.1108



0.2539, 0.2616, 0.1215

Inverse Universe

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



28.9632, 0.3574, 0.3042



45.7972, 0.3714, 0.2985



42.2579, 0.3020, 0.4003



9.5855, 0.3239, 0.3217



7.5158, 0.5658, 0.2890



0.3066, 0.4964, 0.2508

Previews

White Background



This preview shows how the Yxy color 28.2555, 0.2976, 0.2514 looks on a white background.

Color Contrast Check

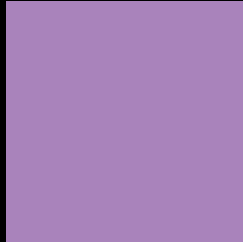
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2555, 0.2976, 0.2514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

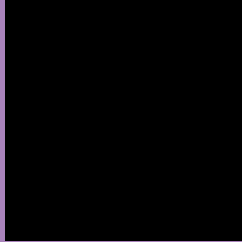
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2555, 0.2976, 0.2514

Background



This preview shows how black text looks on a background with the Yxy color 28.2555, 0.2976, 0.2514.



This preview shows how white text looks on a background with the Yxy color 28.2555, 0.2976, 0.2514.

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

28.2555, 0.2976, 0.2514

Protanopia

28.3763, 0.2553, 0.2499

Deuteranopia

28.2521, 0.2702, 0.2641



Tritanopia

28.1334, 0.3289, 0.3124

Trichromacy



Original Color

28.2555, 0.2976, 0.2514

Protanomaly

28.2448, 0.2689, 0.2502

Deuteranomaly

28.1117, 0.2791, 0.2585

Tritanomaly

27.9716, 0.3168, 0.2878

Monochromacy



Original Color

28.2555, 0.2976, 0.2514

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.0583, 0.3069, 0.2973

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2555, 0.2976, 0.2514 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(169, 131, 187)` looks like.

```
.text, #text, p{  
    color:rgb(169, 131, 187)  
}
```

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(169, 131, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 131, 187) }
```

Border

The CSS property to change the border of an element to Yxy 28.2555, 0.2976, 0.2514 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(169, 131, 187) }
```

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

```
.border{ border-color:rgb(169, 131, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 131, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 131, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 131, 187);  
box-shadow:4px 4px 4px 4px rgb(169, 131,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2555, 0.2976, 0.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 131, 187) }
```

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

```
.background{ background-color: rgb(169,  
131, 187) }
```

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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