

Converting Colors

$Y_{xy}(30.2531, 0.2891, 0.2478)$

Have a look what the booklet for
Yxy(30.2531, 0.2891, 0.2478)
contains.

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Color

Yxy(30.3576, 0.2887, 0.2477)

Conversions

Conversions Part 1

Format	Color
Hex	A989C5
RGB	169, 137, 197
RGB Percent	66%, 54%, 77%
CMY	0.3373, 0.4627, 0.2274
CMYK	0.14, 0.30, 0.00, 0.23
HSL	272°, 34%, 65%
HSV	272°, 30%, 77%
XYZ	35.3825, 30.3576, 56.8179
YIQ	153.4080, -0.1880, 25.4440

Conversions

Conversions Part 2

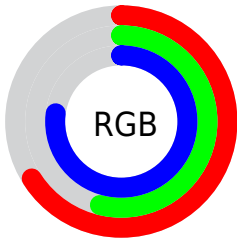
Format	Color
R_{YB}	169, 137, 197
Decimal	11110853
CIE _{Lab}	61.96, 23.64, -26.60
CIE _{LCh}	62, 35.588, 311.630
Yxy	30.3576, 0.2887, 0.2477
Android (android.graphics.Color)	4289300933 (0xFFA989C5)
YUV	153.4080, 21.4909, 13.6742
Hunter-Lab	55.0977, 18.2075, -22.5726

Details

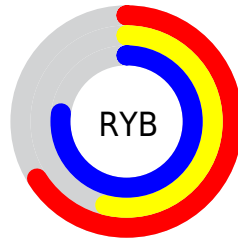
The Yxy color $30.3576, 0.2887, 0.2477$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $49.7420, 0.3309, 0.4114$, and the grayscale version is $31.9469, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.4249, 0.2940, 0.2629$, and $12.5126, 0.2797, 0.2248$ is the 20% darker color. If you saturate the color by 10%, you get $24.2775, 0.2784, 0.2185$, and if you desaturate by 10%, it is $37.5344, 0.2978, 0.2761$.

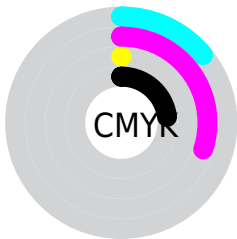
Distribution



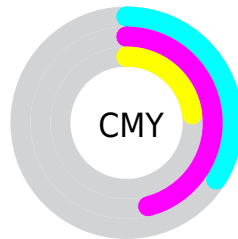
- Red (66%)
- Green (54%)
- Blue (77%)



- Red (66%)
- Yellow (54%)
- Blue (77%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (23%)





- Cyan (34%)
- Magenta (46%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3576, 0.2887, 0.2477 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 30.3576, 0.2887, 0.2477 by changing the saturation by 10% instead.

 30.3576, 0.2887,
0.2477


 30.3576, 0.2887,
0.2477


303.5678, 0.3022,
0.2887

 20.1102, 0.2849,
0.2375


 60.2272, 0.2939,
0.2626

 12.4752, 0.2797,
0.2244

 80.6183, 0.2958,
0.2682

 7.0681, 0.2724,
0.2071


 105.1592, 0.2973,
0.2729

 3.5048, 0.2613,
0.1834

134.2346, 0.2986,
0.2770

 1.4006, 0.2430,
0.1494

168.2288, 0.2997,
0.2805

 0.2172, 0.2178,
0.0604

207.5261, 0.3006,

 0.0000, 0.0000,

0.2836

0.0000

252.5109, 0.3014,
0.2863

■ 30.3576, 0.2887,
0.2477

■ 30.3576, 0.2887,
0.2477

■ 24.2775, 0.2784,
0.2185

■ 37.5344, 0.2978,
0.2761

■ 19.2331, 0.2671,
0.1896

■ 45.8571, 0.3057,
0.3030

■ 15.1632, 0.2550,
0.1622


■ 55.3762, 0.3124,
0.3279


■ 11.9983, 0.2426,
0.1376


■ 66.1382, 0.3181,
0.3508


■ 9.6593, 0.2303,
0.1174


■ 78.1871, 0.3229,
0.3715

 8.0527, 0.2187,
0.1023

 91.4290, 0.3268,
0.3899

 7.0335, 0.2085,
0.0922

 92.9410, 0.3328,
0.3887

 94.5338, 0.3389,
0.3876

 96.2086, 0.3450,
0.3864

Harmonies

Analogous

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



30.3576, 0.2418, 0.2388



30.3576, 0.2887, 0.2477



30.3576, 0.3469, 0.2739

Triad

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



30.3576, 0.2887, 0.2477



30.3576, 0.4186, 0.3991



30.3576, 0.2314, 0.3382

Complementary

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



30.3576, 0.2887, 0.2477



49.7420, 0.3309, 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.



30.3576, 0.2734, 0.3952



30.3576, 0.2887, 0.2477



30.3576, 0.3818, 0.4286

Square

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



30.3576, 0.2887, 0.2477



30.3576, 0.4260, 0.3566



30.3576, 0.3284, 0.4300



30.3576, 0.2113, 0.2847

Rectangle

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



30.3576, 0.2887, 0.2477



30.3576, 0.3837, 0.2985



30.3576, 0.3284, 0.4300



30.3576, 0.2433, 0.3580

Sweetspot

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



30.3589, 0.2887, 0.2477



84.2447, 0.3066, 0.3063



36.6254, 0.2643, 0.2845



17.5232, 0.3056, 0.3025



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.



30.3589, 0.2887, 0.2477



46.4261, 0.2815, 0.2270



33.7507, 0.3172, 0.2553



10.5610, 0.3065, 0.3057



4.6764, 0.2098, 0.0929



0.2642, 0.2320, 0.1052

Inverse Universe

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



32.4829, 0.3490, 0.2924



51.0218, 0.3607, 0.2836



47.0874, 0.3079, 0.4157



10.7180, 0.3218, 0.3183



8.3327, 0.5078, 0.2571



0.4092, 0.4588, 0.2301

Previews

White Background



This preview shows how the Yxy color 30.3576, 0.2887, 0.2477 looks on a white background.

Color Contrast Check

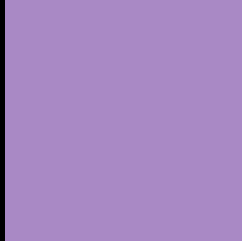
Large Text (above 18pt) WCAG AA × Fail

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 30.3576, 0.2887, 0.2477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

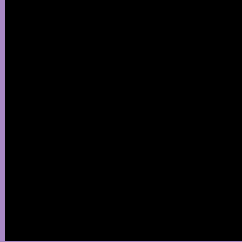
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3576, 0.2887, 0.2477

Background



This preview shows how black text looks on a background with the Yxy color 30.3576, 0.2887, 0.2477.



This preview shows how white text looks on a background with the Yxy color 30.3576, 0.2887, 0.2477.

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

30.3576, 0.2887, 0.2477

Protanopia

30.5741, 0.2525, 0.2468

Deuteranopia

30.3830, 0.2650, 0.2589



Tritanopia

30.3325, 0.3198, 0.3126

Trichromacy



Original Color

30.3576, 0.2887, 0.2477

Protanomaly

30.3218, 0.2645, 0.2469

Deuteranomaly

30.2098, 0.2733, 0.2537

Tritanomaly

30.2856, 0.3085, 0.2871

Monochromacy



Original Color

30.3576, 0.2887, 0.2477

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.1029, 0.3042, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3576, 0.2887, 0.2477 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, 137, 197)` looks like.

```
.text, #text, p{  
    color:rgb(169, 137, 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(169, 137, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 137, 197) }
```

Border

The CSS property to change the border of an element to Yxy 30.3576, 0.2887, 0.2477 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, 137, 197) }
```

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

```
.border{ border-color:rgb(169, 137, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 137, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 137, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 137, 197);  
box-shadow:4px 4px 4px 4px rgb(169, 137,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3576, 0.2887, 0.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 137, 197) }
```

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

```
.background{ background-color: rgb(169,  
137, 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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