

Converting Colors

Yxy(56.0726, 0.3061, 0.2819)

Have a look what the booklet for
Yxy(56.0726, 0.3061, 0.2819)
contains.

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Color

Yxy(56.1032, 0.3062, 0.2824)

Conversions

Conversions Part 1

Format	Color
Hex	DABBE5
RGB	218, 187, 229
RGB Percent	85%, 73%, 90%
CMY	0.1450, 0.2667, 0.1021
CMYK	0.05, 0.18, 0.00, 0.10
HSL	284°, 45%, 82%
HSV	284°, 18%, 90%
XYZ	60.8314, 56.1032, 81.7311
YIQ	201.0570, 4.9940, 19.6340

Conversions

Conversions Part 2

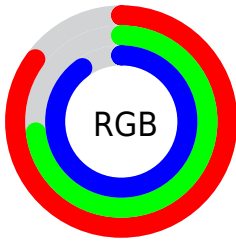
Format	Color
RYB	218, 187, 229
Decimal	14334949
CIELab	79.67, 18.51, -16.81
CIELCh	80, 25.003, 317.753
Yxy	56.1032, 0.3062, 0.2824
Android (android.graphics.Color)	4292525029 (0xFFDABBE5)
YUV	201.0570, 13.7759, 14.8590
Hunter-Lab	74.9021, 13.8895, -12.2642

Details

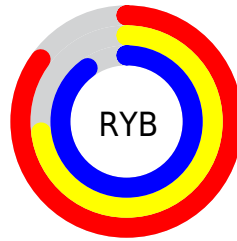
The Yxy color $56.1032, 0.3062, 0.2824$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $71.6078, 0.3179, 0.3778$, and the grayscale version is $58.3594, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $27.8539, 0.3047, 0.2723$ is the 20% darker color. If you saturate the color by 10%, you get $46.2496, 0.3017, 0.2555$, and if you desaturate by 10%, it is $67.5436, 0.3100, 0.3084$.

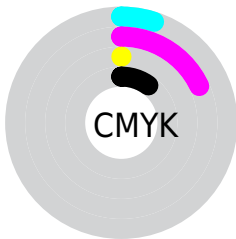
Distribution



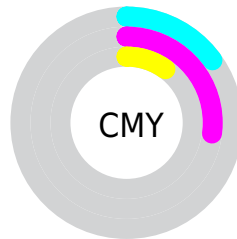
- Red (85%)
- Green (73%)
- Blue (90%)



- Red (85%)
- Yellow (73%)
- Blue (90%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (10%)





- Cyan (15%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1032, 0.3062, 0.2824 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 56.1032, 0.3062, 0.2824 by changing the saturation by 10% instead.


 56.1032, 0.3062,
0.2824

 56.1032, 0.3062,
0.2824

410.0803, 0.3096,
0.3042

 40.2857, 0.3053,
0.2774


 99.1555, 0.3075,
0.2900

 27.7613, 0.3041,
0.2712


127.1590, 0.3080,
0.2929

 18.1458, 0.3026,
0.2632


159.9933, 0.3084,
0.2955

 11.0547, 0.3003,
0.2529

198.0427, 0.3087,
0.2977

 6.1037, 0.2970,
0.2387

241.6918, 0.3090,
0.2996

 2.9082, 0.2916,
0.2181

291.3248, 0.3092,

 1.0840, 0.2814,

0.3013

0.1862

347.3262, 0.3095,
0.3028

0.0000, 0.2669,
0.0000

0.0000, 0.0000,
0.0000

56.1032, 0.3062,
0.2824

56.1032, 0.3062,
0.2824

46.2496, 0.3017,
0.2555

67.5436, 0.3100,
0.3084

37.9019, 0.2964,
0.2284

80.6323, 0.3132,
0.3330

30.9831, 0.2905,
0.2022

94.9970, 0.3158,
0.3552

25.4063, 0.2840,
0.1779

96.0348, 0.3196,
0.3549

■ 21.0748, 0.2770,
0.1566

■ 97.1070, 0.3234,
0.3546

■ 17.8790, 0.2699,
0.1394

■ 98.2139, 0.3272,
0.3543

■ 15.6896, 0.2629,
0.1269

■ 98.4356, 0.3280,
0.3542

■ 14.3200, 0.2560,
0.1189

■ 14.1265, 0.2549,
0.1178

Harmonies

Analogous

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



56.1032, 0.2762, 0.2750



56.1032, 0.3062, 0.2824



56.1032, 0.3395, 0.3006

Triad

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



56.1032, 0.3062, 0.2824



56.1032, 0.3712, 0.3758



56.1032, 0.2614, 0.3287

Complementary

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



56.1032, 0.3062, 0.2824



71.6078, 0.3179, 0.3778

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.



56.1032, 0.2848, 0.3599



56.1032, 0.3062, 0.2824



56.1032, 0.3482, 0.3875

Square

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



56.1032, 0.3062, 0.2824



56.1032, 0.3782, 0.3529



56.1032, 0.3165, 0.3821



56.1032, 0.2514, 0.2997

Rectangle

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



56.1032, 0.3062, 0.2824



56.1032, 0.3588, 0.3169



56.1032, 0.3165, 0.3821



56.1032, 0.2679, 0.3394

Sweetspot

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



56.1056, 0.3062, 0.2824



91.5087, 0.3111, 0.3167



56.6947, 0.2832, 0.2927



19.3405, 0.3109, 0.3149



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.



56.1056, 0.3062, 0.2824



66.6136, 0.3046, 0.2723



57.3162, 0.3223, 0.2938



14.4164, 0.3096, 0.3055



8.1399, 0.2560, 0.1184



0.6457, 0.2658, 0.1238

Inverse Universe

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



56.2664, 0.3393, 0.3168



66.8911, 0.3462, 0.3142



70.6096, 0.3043, 0.3670



14.4293, 0.3252, 0.3229



9.7255, 0.5891, 0.3019



0.7336, 0.5475, 0.2790

Previews

White Background



This preview shows how the Yxy color 56.1032, 0.3062, 0.2824 looks on a white background.

Color Contrast Check

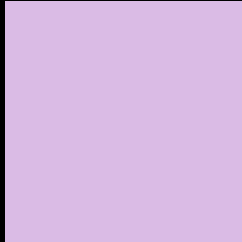
Large Text (above 18pt) WCAG AA × Fail

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 56.1032, 0.3062, 0.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

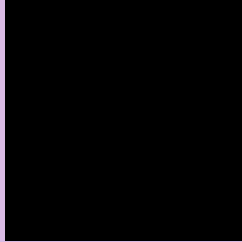
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1032, 0.3062, 0.2824

Background



This preview shows how black text looks on a background with the Yxy color 56.1032, 0.3062, 0.2824.



This preview shows how white text looks on a background with the Yxy color 56.1032, 0.3062, 0.2824.

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

56.1032, 0.3062, 0.2824

Protanopia

56.4252, 0.2814, 0.2836

Deuteranopia

56.2979, 0.2946, 0.2888



Tritanopia

56.1649, 0.3208, 0.3118

Trichromacy



Original Color

56.1032, 0.3062, 0.2824

Protanomaly

56.3025, 0.2897, 0.2832

Deuteranomaly

56.2729, 0.2991, 0.2870

Tritanomaly

56.2809, 0.3156, 0.3017

Monochromacy



Original Color

56.1032, 0.3062, 0.2824

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4484, 0.3104, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1032, 0.3062, 0.2824 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(218, 187, 229)` looks like.

```
.text, #text, p{  
    color:rgb(218, 187, 229)  
}
```

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(218, 187, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 187, 229) }
```

Border

The CSS property to change the border of an element to Yxy 56.1032, 0.3062, 0.2824 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(218, 187, 229) }
```

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

```
.border{ border-color:rgb(218, 187, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 187, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 187, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 187, 229);  
box-shadow:4px 4px 4px 4px rgb(218, 187,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1032, 0.3062, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 187, 229) }
```

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

```
.background{ background-color: rgb(218,  
187, 229) }
```

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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