

Converting Colors

$Yxy(56.1900, 0.3166, 0.2963)$

Have a look what the booklet for
Yxy(56.1900, 0.3166, 0.2963)
contains.

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Color

Yxy(56.1918, 0.3167, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	DCBCD9
RGB	220, 188, 217
RGB Percent	86%, 74%, 85%
CMY	0.1372, 0.2627, 0.1491
CMYK	0.00, 0.15, 0.01, 0.14
HSL	306°, 31%, 80%
HSV	306°, 15%, 86%
XYZ	60.0200, 56.1918, 73.3052
YIQ	200.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

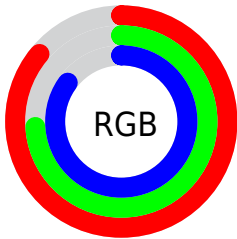
Format	Color
R _Y B	220, 188, 217
Decimal	14466265
CIE Lab	79.72, 16.37, -10.25
CIE LCh	80, 19.312, 327.944
Yxy	56.1918, 0.3167, 0.2965
Android (android.graphics.Color)	4292656345 (0xFFDCBCD9)
YUV	200.8740, 7.9501, 16.7735
Hunter-Lab	74.9612, 11.7396, -5.5074

Details

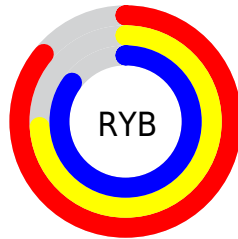
The Yxy color **56.1918, 0.3167, 0.2965** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.6449, 0.3089, 0.3638**, and the grayscale version is **58.2727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.9359, 0.3178, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **47.3916, 0.3198, 0.2736**, and if you desaturate by 10%, it is **66.4311, 0.3139, 0.3190**.

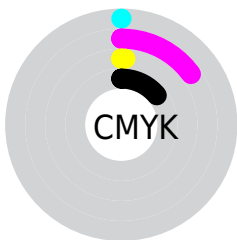
Distribution



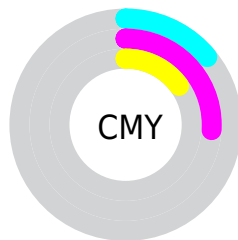
- Red (86%)
- Green (74%)
- Blue (85%)



- Red (86%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1918, 0.3167, 0.2965 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 56.1918, 0.3167, 0.2965 by changing the saturation by 10% instead.


 56.1918, 0.3167,
0.2965

 56.1918, 0.3167,
0.2965


410.4139, 0.3150,
0.3118

 40.3567, 0.3171,
0.2929


 99.2850, 0.3161,
0.3019

 27.8168, 0.3175,
0.2885


127.3118, 0.3159,
0.3040

 18.1876, 0.3181,
0.2827


160.1714, 0.3157,
0.3057

 11.0848, 0.3187,
0.2752

198.2481, 0.3155,
0.3073

 6.1239, 0.3196,
0.2646

241.9263, 0.3153,
0.3086

 2.9205, 0.3205,
0.2491

291.5904, 0.3152,

 1.0904, 0.3215,

0.3098

0.2238

347.6248, 0.3151,
0.3109

0.0000, 0.3516,
0.0000

0.0000, 0.0000,
0.0000

56.1918, 0.3167,
0.2965

56.1918, 0.3167,
0.2965

47.3916, 0.3198,
0.2736

66.4311, 0.3139,
0.3190

39.9584, 0.3232,
0.2509

78.1628, 0.3114,
0.3407

33.8252, 0.3269,
0.2294

91.4462, 0.3092,
0.3611

28.9162, 0.3307,
0.2100

92.1902, 0.3080,
0.3598

■ 25.1477, 0.3345,
0.1936

■ 92.3052, 0.3068,
0.3576

■ 22.4258, 0.3382,
0.1811

■ 92.4215, 0.3057,
0.3554

■ 20.6414, 0.3417,
0.1729

■ 92.5392, 0.3045,
0.3532

■ 19.6617, 0.3450,
0.1691

■ 92.6583, 0.3033,
0.3510

■ 19.3454, 0.3467,
0.1683

■ 92.7789, 0.3022,
0.3488

Harmonies

Analogous

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



56.1918, 0.2917, 0.2876



56.1918, 0.3167, 0.2965



56.1918, 0.3415, 0.3132

Triad

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



56.1918, 0.3167, 0.2965



56.1918, 0.3531, 0.3697



56.1918, 0.2688, 0.3210

Complementary

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



56.1918, 0.3167, 0.2965



65.6449, 0.3089, 0.3638

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.



56.1918, 0.2840, 0.3450



56.1918, 0.3167, 0.2965



56.1918, 0.3325, 0.3739

Square

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



56.1918, 0.3167, 0.2965



56.1918, 0.3629, 0.3547



56.1918, 0.3072, 0.3650



56.1918, 0.2649, 0.3005

Rectangle

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



56.1918, 0.3167, 0.2965



56.1918, 0.3542, 0.3270



56.1918, 0.3072, 0.3650



56.1918, 0.2727, 0.3290

Sweetspot

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



56.1942, 0.3167, 0.2965



93.6017, 0.3138, 0.3202



52.1715, 0.2914, 0.2906



19.7852, 0.3140, 0.3185



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.



56.1942, 0.3167, 0.2965



75.1299, 0.3175, 0.2906



55.4193, 0.3289, 0.3138



13.2524, 0.3152, 0.3081



11.3621, 0.3462, 0.1681



0.7424, 0.3416, 0.1655

Inverse Universe

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



56.1942, 0.3167, 0.2965



75.1299, 0.3175, 0.2906



66.3703, 0.2990, 0.3447



13.2524, 0.3152, 0.3081



11.3621, 0.3462, 0.1681



0.7424, 0.3416, 0.1655

Previews

White Background



This preview shows how the Yxy color 56.1918, 0.3167, 0.2965 looks on a white background.

Color Contrast Check

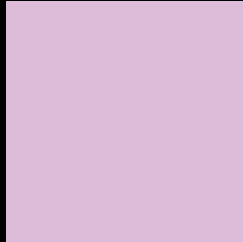
Large Text (above 18pt) WCAG AA × Fail

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 56.1918, 0.3167, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

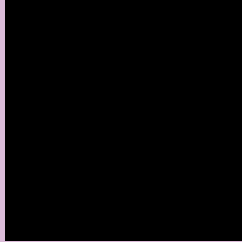
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1918, 0.3167, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 56.1918, 0.3167, 0.2965.



This preview shows how white text looks on a background with the Yxy color 56.1918, 0.3167, 0.2965.

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

56.1918, 0.3167, 0.2965

Protanopia

56.2231, 0.2928, 0.2983

Deuteranopia

56.2125, 0.3085, 0.3014



Tritanopia

56.1401, 0.3241, 0.3119

Trichromacy



Original Color

56.1918, 0.3167, 0.2965

Protanomaly

56.0037, 0.3009, 0.2976

Deuteranomaly

56.3656, 0.3117, 0.3005

Tritanomaly

56.0587, 0.3219, 0.3063

Monochromacy



Original Color

56.1918, 0.3167, 0.2965

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.3947, 0.3141, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1918, 0.3167, 0.2965 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(220, 188, 217)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 217)  
}
```

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(220, 188, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 217) }
```

Border

The CSS property to change the border of an element to Yxy 56.1918, 0.3167, 0.2965 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(220, 188, 217) }
```

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

```
.border{ border-color:rgb(220, 188, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 188, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 217);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1918, 0.3167, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 217) }
```

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

```
.background{ background-color: rgb(220,  
188, 217) }
```

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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