

Converting Colors

$Yxy(55.9503, 0.3194, 0.2997)$

Have a look what the booklet for
Yxy(55.9503, 0.3194, 0.2997)
contains.

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Color

Yxy(56.0371, 0.3190, 0.2997)

Conversions

Conversions Part 1

Format	Color
Hex	DCBCD6
RGB	220, 188, 214
RGB Percent	86%, 74%, 84%
CMY	0.1371, 0.2628, 0.1608
CMYK	0.00, 0.15, 0.03, 0.14
HSL	311°, 31%, 80%
HSV	311°, 15%, 86%
XYZ	59.6458, 56.0371, 71.2944
YIQ	200.5320, 10.7260, 14.8700

Conversions

Conversions Part 2

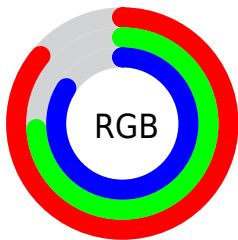
Format	Color
R_{YB}	220, 188, 214
Decimal	14466262
CIE _{Lab}	79.63, 15.85, -8.78
CIE _{LCh}	80, 18.124, 331.010
Yxy	56.0371, 0.3190, 0.2997
Android (android.graphics.Color)	4292656342 (0xFFDCBCD6)
YUV	200.5320, 6.6397, 17.0734
Hunter-Lab	74.8579, 11.2249, -4.0670

Details

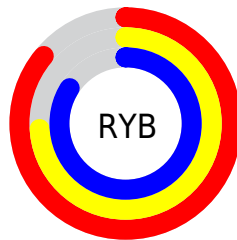
The Yxy color **56.0371, 0.3190, 0.2997** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7948, 0.3070, 0.3602**, and the grayscale version is **58.0611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.8305, 0.3210, 0.2935** is the 20% darker color. If you saturate the color by 10%, you get **47.1356, 0.3241, 0.2789**, and if you desaturate by 10%, it is **66.3821, 0.3145, 0.3200**.

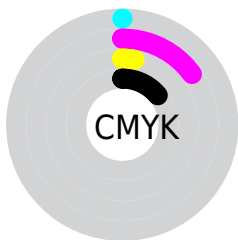
Distribution



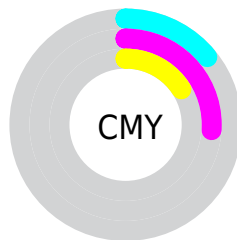
- Red (86%)
- Green (74%)
- Blue (84%)



- Red (86%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (14%)





- Cyan (14%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0371, 0.3190, 0.2997 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 56.0371, 0.3190, 0.2997 by changing the saturation by 10% instead.

 56.0371, 0.3190,
0.2997

 56.0371, 0.3190,
0.2997


409.8313, 0.3161,
0.3136

 40.2327, 0.3197,
0.2965


 99.0588, 0.3180,
0.3046

 27.7200, 0.3205,
0.2924


127.0449, 0.3176,
0.3065

 18.1147, 0.3215,
0.2872


159.8603, 0.3173,
0.3081

 11.0324, 0.3228,
0.2803

197.8895, 0.3170,
0.3095

 6.0886, 0.3246,
0.2706

241.5167, 0.3167,
0.3107

 2.8990, 0.3271,
0.2563

291.1265, 0.3165,

 1.0793, 0.3307,

0.3118

0.2327

347.1033, 0.3163,
0.3127

0.0000, 0.3794,
0.0000

0.0000, 0.0000,
0.0000

56.0371, 0.3190,
0.2997

56.0371, 0.3190,
0.2997

47.1356, 0.3241,
0.2789

66.3821, 0.3145,
0.3200

39.6056, 0.3299,
0.2582

78.2240, 0.3107,
0.3394

33.3798, 0.3363,
0.2383

91.6222, 0.3074,
0.3576

28.3824, 0.3432,
0.2203

92.4881, 0.3051,
0.3542

■ 24.5297, 0.3504,
0.2051

■ 92.7245, 0.3028,
0.3499

■ 21.7275, 0.3579,
0.1937

■ 92.9664, 0.3005,
0.3455

■ 19.8669, 0.3652,
0.1867

■ 93.2140, 0.2982,
0.3412

■ 18.8145, 0.3722,
0.1843

■ 93.4672, 0.2960,
0.3369

■ 18.4610, 0.3759,
0.1844

■ 93.7261, 0.2937,
0.3327

Harmonies

Analogous

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



56.0371, 0.2952, 0.2904



56.0371, 0.3190, 0.2997



56.0371, 0.3418, 0.3161

Triad

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



56.0371, 0.3190, 0.2997



56.0371, 0.3491, 0.3682



56.0371, 0.2705, 0.3193

Complementary

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



56.0371, 0.3190, 0.2997



65.7948, 0.3070, 0.3602

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.



56.0371, 0.2839, 0.3418



56.0371, 0.3190, 0.2997



56.0371, 0.3291, 0.3708

Square

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



56.0371, 0.3190, 0.2997



56.0371, 0.3595, 0.3550



56.0371, 0.3052, 0.3612



56.0371, 0.2680, 0.3007

Rectangle

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



56.0371, 0.3190, 0.2997



56.0371, 0.3530, 0.3292



56.0371, 0.3052, 0.3612



56.0371, 0.2738, 0.3267

Sweetspot

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



56.0395, 0.3190, 0.2997



93.5408, 0.3143, 0.3211



52.5831, 0.2938, 0.2908



19.7698, 0.3146, 0.3196



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.



56.0395, 0.3190, 0.2997



74.8775, 0.3203, 0.2944



55.2678, 0.3315, 0.3174



13.2306, 0.3166, 0.3102



10.8455, 0.3749, 0.1839



0.7137, 0.3645, 0.1782

Inverse Universe

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



56.0395, 0.3190, 0.2997



74.8775, 0.3203, 0.2944



66.5464, 0.2969, 0.3409



13.2306, 0.3166, 0.3102



10.8455, 0.3749, 0.1839



0.7137, 0.3645, 0.1782

Previews

White Background



This preview shows how the Yxy color 56.0371, 0.3190, 0.2997 looks on a white background.

Color Contrast Check

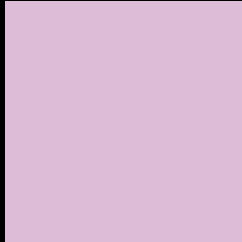
Large Text (above 18pt) WCAG AA × Fail

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 56.0371, 0.3190, 0.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

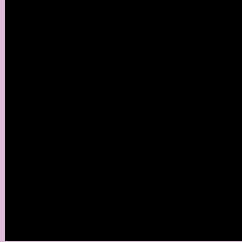
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0371, 0.3190, 0.2997

Background



This preview shows how black text looks on a background with the Yxy color 56.0371, 0.3190, 0.2997.



This preview shows how white text looks on a background with the Yxy color 56.0371, 0.3190, 0.2997.

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

56.0371, 0.3190, 0.2997

Protanopia

56.1964, 0.2956, 0.3018

Deuteranopia

56.0587, 0.3107, 0.3047



Tritanopia

56.2466, 0.3257, 0.3131

Trichromacy



Original Color

56.0371, 0.3190, 0.2997

Protanomaly

55.9871, 0.3038, 0.3011

Deuteranomaly

56.2118, 0.3139, 0.3038

Tritanomaly

56.0093, 0.3227, 0.3074

Monochromacy



Original Color

56.0371, 0.3190, 0.2997

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.3460, 0.3148, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0371, 0.3190, 0.2997 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 214) }
```

Border

The CSS property to change the border of an element to Yxy 56.0371, 0.3190, 0.2997 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, 214) }
```

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

```
.border{ border-color:rgb(220, 188, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 214);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0371, 0.3190, 0.2997 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, 214) }
```

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

```
.background{ background-color: rgb(220,  
188, 214) }
```

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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