

Converting Colors

Yxy(56.0880, 0.3151, 0.2920)

Have a look what the booklet for
Yxy(56.0880, 0.3151, 0.2920)
contains.

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Color

Yxy(56.0801, 0.3153, 0.2922)

Conversions

Conversions Part 1

Format	Color
Hex	DDBBDC
RGB	221, 187, 220
RGB Percent	87%, 73%, 86%
CMY	0.1332, 0.2667, 0.1373
CMYK	0.00, 0.15, 0.00, 0.13
HSL	302°, 33%, 80%
HSV	302°, 15%, 87%
XYZ	60.5135, 56.0801, 75.3300
YIQ	200.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

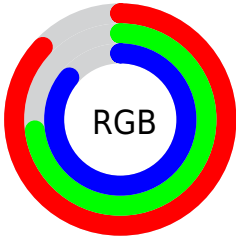
Format	Color
R _Y B	221, 187, 220
Decimal	14531548
CIE Lab	79.66, 17.81, -11.96
CIE LCh	80, 21.455, 326.126
Yxy	56.0801, 0.3153, 0.2922
Android (android.graphics.Color)	4292721628 (0xFFDDBBDC)
YUV	200.9280, 9.4025, 17.6031
Hunter-Lab	74.8866, 13.1886, -7.2204

Details

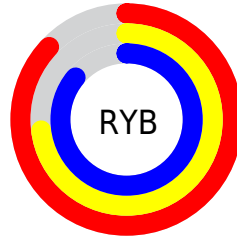
The Yxy color **56.0801, 0.3153, 0.2922** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.9307, 0.3101, 0.3688**, and the grayscale version is **58.3009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **27.8738, 0.3159, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **47.3787, 0.3171, 0.2679**, and if you desaturate by 10%, it is **66.2299, 0.3136, 0.3163**.

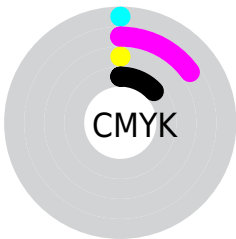
Distribution



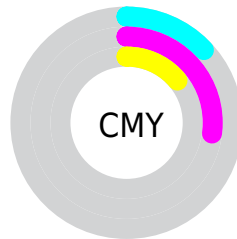
- Red (87%)
- Green (73%)
- Blue (86%)



- Red (87%)
- Yellow (73%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0801, 0.3153, 0.2922 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 56.0801, 0.3153, 0.2922 by changing the saturation by 10% instead.

 56.0801, 0.3153,
0.2922

 56.0801, 0.3153,
0.2922


409.9933, 0.3143,
0.3095

 40.2671, 0.3155,
0.2882


 99.1217, 0.3150,
0.2983

 27.7469, 0.3157,
0.2832


127.1191, 0.3148,
0.3006

 18.1350, 0.3159,
0.2768


159.9468, 0.3147,
0.3026

 11.0469, 0.3162,
0.2683

197.9892, 0.3146,
0.3044

 6.0984, 0.3163,
0.2566

241.6306, 0.3145,
0.3059

 2.9050, 0.3162,
0.2394

291.2555, 0.3144,

 1.0823, 0.3152,

0.3072

0.2119

347.2483, 0.3143,
0.3084

0.0000, 0.3342,
0.0000

0.0000, 0.0000,
0.0000

56.0801, 0.3153,
0.2922

56.0801, 0.3153,
0.2922

47.3787, 0.3171,
0.2679

66.2299, 0.3136,
0.3163

40.0526, 0.3190,
0.2440

77.8825, 0.3120,
0.3396

34.0334, 0.3209,
0.2216

91.0982, 0.3106,
0.3616

29.2438, 0.3227,
0.2016

92.2115, 0.3101,
0.3625

■ 25.5986, 0.3245,
0.1849

■ 92.2486, 0.3097,
0.3618

■ 23.0014, 0.3260,
0.1722

■ 92.2859, 0.3093,
0.3611

■ 21.3404, 0.3274,
0.1638

■ 92.3233, 0.3089,
0.3603

■ 20.4782, 0.3285,
0.1596

■ 92.3609, 0.3085,
0.3596

■ 20.2414, 0.3289,
0.1586

■ 92.3987, 0.3082,
0.3589

Harmonies

Analogous

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



56.0801, 0.2879, 0.2830



56.0801, 0.3153, 0.2922



56.0801, 0.3431, 0.3102

Triad

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



56.0801, 0.3153, 0.2922



56.0801, 0.3587, 0.3734



56.0801, 0.2647, 0.3215

Complementary

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



56.0801, 0.3153, 0.2922



65.9307, 0.3101, 0.3688

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.



56.0801, 0.2822, 0.3484



56.0801, 0.3153, 0.2922



56.0801, 0.3363, 0.3793

Square

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



56.0801, 0.3153, 0.2922



56.0801, 0.3688, 0.3561



56.0801, 0.3082, 0.3702



56.0801, 0.2596, 0.2984

Rectangle

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



56.0801, 0.3153, 0.2922



56.0801, 0.3578, 0.3252



56.0801, 0.3082, 0.3702



56.0801, 0.2693, 0.3305

Sweetspot

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



56.0825, 0.3153, 0.2922



92.1077, 0.3135, 0.3172



51.3963, 0.2883, 0.2879



19.4865, 0.3136, 0.3155



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.



56.0825, 0.3153, 0.2922



74.0383, 0.3158, 0.2855



55.2496, 0.3282, 0.3103



13.2675, 0.3143, 0.3067



11.7572, 0.3288, 0.1585



0.7639, 0.3274, 0.1577

Inverse Universe

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



56.0825, 0.3153, 0.2922



74.0383, 0.3158, 0.2855



66.6852, 0.2996, 0.3485



13.2675, 0.3143, 0.3067



11.7572, 0.3288, 0.1585



0.7639, 0.3274, 0.1577

Previews

White Background



This preview shows how the Yxy color 56.0801, 0.3153, 0.2922 looks on a white background.

Color Contrast Check

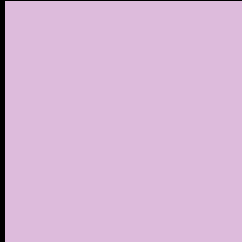
Large Text (above 18pt) WCAG AA × Fail

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 56.0801, 0.3153, 0.2922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

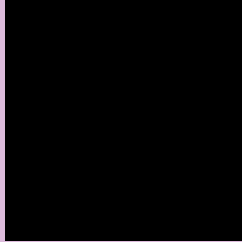
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0801, 0.3153, 0.2922

Background



This preview shows how black text looks on a background with the Yxy color 56.0801, 0.3153, 0.2922.



This preview shows how white text looks on a background with the Yxy color 56.0801, 0.3153, 0.2922.

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

56.0801, 0.3153, 0.2922

Protanopia

56.3083, 0.2894, 0.2938

Deuteranopia

56.0791, 0.3047, 0.2979



Tritanopia

56.2466, 0.3257, 0.3131

Trichromacy



Original Color

56.0801, 0.3153, 0.2922

Protanomaly

56.2183, 0.2981, 0.2932

Deuteranomaly

55.9384, 0.3087, 0.2959

Tritanomaly

56.2640, 0.3220, 0.3053

Monochromacy



Original Color

56.0801, 0.3153, 0.2922

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4438, 0.3134, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0801, 0.3153, 0.2922 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(221, 187, 220)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 220)  
}
```

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(221, 187, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 220) }
```

Border

The CSS property to change the border of an element to Yxy 56.0801, 0.3153, 0.2922 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(221, 187, 220) }
```

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

```
.border{ border-color:rgb(221, 187, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 187, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 187, 220); box-shadow:4px 4px 4px 4px rgb(221, 187, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0801, 0.3153, 0.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 220) }
```

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

```
.background{ background-color: rgb(221,  
187, 220) }
```

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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