

Converting Colors

$Yxy(56.0791, 0.3283, 0.3131)$

Have a look what the booklet for
Yxy(56.0791, 0.3283, 0.3131)
contains.

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Color

Yxy(56.0791, 0.3283, 0.3131)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DDBDCB |
| RGB | 221, 189, 203 |
| RGB Percent | 87%, 74%, 80% |
| CMY | 0.1332, 0.2588, 0.2039 |
| CMYK | 0.00, 0.14, 0.08, 0.13 |
| HSL | 334°, 32%, 80% |
| HSV | 334°, 14%, 87% |
| XYZ | 58.8016, 56.0791, 64.2286 |
| YIQ | 200.1640, 14.5780, 11.1380 |

Conversions

Conversions Part 2

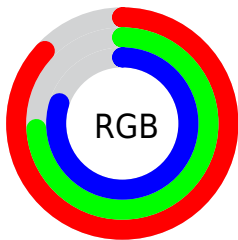
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 221, 189, 203 |
| Decimal | 14532043 |
| CIE _{Lab} | 79.66, 13.72, -2.80 |
| CIE _{LCh} | 80, 14.004, 348.448 |
| Yxy | 56.0791, 0.3283, 0.3131 |
| Android (android.graphics.Color) | 4292722123 (0xFFDDBDCB) |
| YUV | 200.1640, 1.3981, 18.2732 |
| Hunter-Lab | 74.8860, 9.1103, 1.5681 |

Details

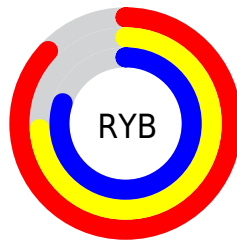
The Yxy color $56.0791, 0.3283, 0.3131$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $67.0495, 0.2994, 0.3455$, and the grayscale version is $57.8524, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $27.8852, 0.3325, 0.3096$ is the 20% darker color. If you saturate the color by 10%, you get $46.7173, 0.3419, 0.3015$, and if you desaturate by 10%, it is $66.9424, 0.3171, 0.3242$.

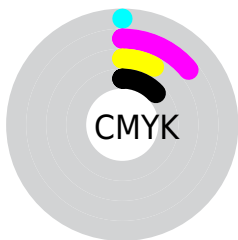
Distribution



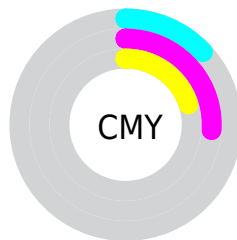
- Red (87%)
- Green (74%)
- Blue (80%)



- Red (87%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0791, 0.3283, 0.3131 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 56.0791, 0.3283, 0.3131 by changing the saturation by 10% instead.

 56.0791, 0.3283,
0.3131

 56.0791, 0.3283,
0.3131


409.9895, 0.3208,
0.3207

 40.2663, 0.3301,
0.3113


 99.1202, 0.3256,
0.3158

 27.7463, 0.3324,
0.3090


127.1174, 0.3246,
0.3168

 18.1345, 0.3353,
0.3061


159.9448, 0.3237,
0.3177

 11.0466, 0.3393,
0.3021

197.9869, 0.3230,
0.3185

 6.0982, 0.3449,
0.2965

241.6280, 0.3223,
0.3192

 2.9049, 0.3537,
0.2879

291.2525, 0.3218,

 1.0823, 0.3689,

0.3197

0.2733

347.2449, 0.3212,
0.3203

0.0000, 0.6587,
0.0000

0.0000, 0.0000,
0.0000

56.0791, 0.3283,
0.3131

56.0791, 0.3283,
0.3131

46.7173, 0.3419,
0.3015

66.9424, 0.3171,
0.3242

38.7830, 0.3582,
0.2896

79.3620, 0.3079,
0.3347

32.2072, 0.3777,
0.2782

93.2055, 0.3003,
0.3440

26.9121, 0.4003,
0.2679

93.9713, 0.2935,
0.3312

■ 22.8120, 0.4259,
0.2599

■ 94.1159, 0.2923,
0.3289

■ 19.8106, 0.4538,
0.2555

■ 17.7963, 0.4826,
0.2559

■ 16.6333, 0.5104,
0.2618

■ 16.2332, 0.5251,
0.2666

Harmonies

Analogous

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



56.0791, 0.3098, 0.3023



56.0791, 0.3283, 0.3131



56.0791, 0.3429, 0.3280

Triad

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



56.0791, 0.3283, 0.3131



56.0791, 0.3326, 0.3615



56.0791, 0.2776, 0.3127

Complementary

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



56.0791, 0.3283, 0.3131



67.0495, 0.2994, 0.3455

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.



56.0791, 0.2834, 0.3289



56.0791, 0.3283, 0.3131



56.0791, 0.3148, 0.3578

Square

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



56.0791, 0.3283, 0.3131



56.0791, 0.3453, 0.3560



56.0791, 0.2968, 0.3457



56.0791, 0.2809, 0.3017

Rectangle

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



56.0791, 0.3283, 0.3131



56.0791, 0.3482, 0.3386



56.0791, 0.2968, 0.3457



56.0791, 0.2785, 0.3177

Sweetspot

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



56.0816, 0.3283, 0.3131



93.2998, 0.3166, 0.3247



54.8248, 0.3030, 0.2921



19.7087, 0.3174, 0.3239



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.



56.0816, 0.3283, 0.3131



73.9199, 0.3316, 0.3101



56.1362, 0.3393, 0.3309



13.1457, 0.3223, 0.3188



9.4497, 0.5213, 0.2645



0.6293, 0.4805, 0.2421

Inverse Universe

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



56.0816, 0.3283, 0.3131



73.9199, 0.3316, 0.3101



66.9239, 0.2907, 0.3271



13.1457, 0.3223, 0.3188



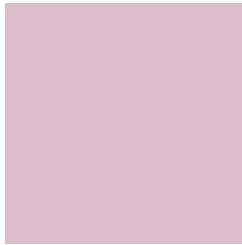
9.4497, 0.5213, 0.2645



0.6293, 0.4805, 0.2421

Previews

White Background



This preview shows how the Yxy color 56.0791, 0.3283, 0.3131 looks on a white background.

Color Contrast Check

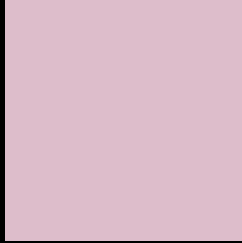
Large Text (above 18pt) WCAG AA × Fail

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 56.0791, 0.3283, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

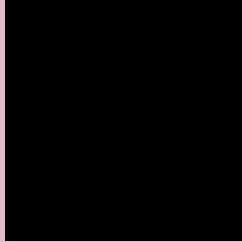
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0791, 0.3283, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 56.0791, 0.3283, 0.3131.



This preview shows how white text looks on a background with the Yxy color 56.0791, 0.3283, 0.3131.

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

56.0791, 0.3283, 0.3131

Protanopia

55.9906, 0.3063, 0.3159

Deuteranopia

55.8695, 0.3223, 0.3151



Tritanopia

56.1270, 0.3275, 0.3120

Trichromacy



Original Color

56.0791, 0.3283, 0.3131

Protanomaly

55.7180, 0.3134, 0.3137

Deuteranomaly

55.8904, 0.3249, 0.3141

Tritanomaly

56.1270, 0.3275, 0.3120

Monochromacy



Original Color

56.0791, 0.3283, 0.3131

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1068, 0.3186, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0791, 0.3283, 0.3131 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, 189, 203)` looks like.

```
.text, #text, p{  
    color:rgb(221, 189, 203)  
}
```

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, 189, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 189, 203) }
```

Border

The CSS property to change the border of an element to Yxy 56.0791, 0.3283, 0.3131 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, 189, 203) }
```

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

```
.border{ border-color:rgb(221, 189, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 189, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 189, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 189, 203);  
box-shadow:4px 4px 4px 4px rgb(221, 189,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0791, 0.3283, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 189, 203) }
```

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

```
.background{ background-color: rgb(221,  
189, 203) }
```

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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