

Converting Colors

$Yxy(56.0104, 0.3259, 0.3141)$

Have a look what the booklet for
Yxy(56.0104, 0.3259, 0.3141)
contains.

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Color

Yxy(56.0441, 0.3257, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	DABECB
RGB	218, 190, 203
RGB Percent	85%, 75%, 80%
CMY	0.1450, 0.2549, 0.2038
CMYK	0.00, 0.13, 0.07, 0.15
HSL	332°, 27%, 80%
HSV	332°, 13%, 85%
XYZ	58.1139, 56.0441, 64.2696
YIQ	199.8540, 12.5150, 9.9790

Conversions

Conversions Part 2

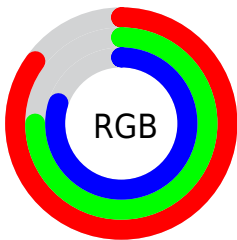
Format	Color
R _Y B	218, 190, 203
Decimal	14335691
CIE Lab	79.64, 12.14, -2.87
CIE LCh	80, 12.475, 346.678
Yxy	56.0441, 0.3257, 0.3141
Android (android.graphics.Color)	4292525771 (0xFFDABECB)
YUV	199.8540, 1.5510, 15.9140
Hunter-Lab	74.8626, 7.5553, 1.5033

Details

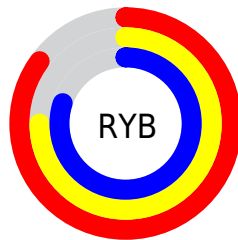
The Yxy color $56.0441, 0.3257, 0.3141$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $65.5094, 0.3014, 0.3444$, and the grayscale version is $57.6523, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $27.8478, 0.3290, 0.3109$ is the 20% darker color. If you saturate the color by 10%, you get $46.7627, 0.3382, 0.3018$, and if you desaturate by 10%, it is $66.7850, 0.3153, 0.3258$.

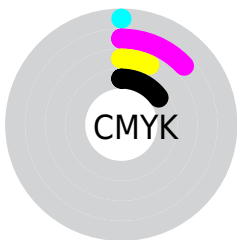
Distribution



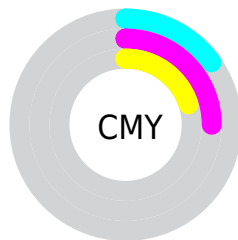
- Red (85%)
- Green (75%)
- Blue (80%)



- Red (85%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0441, 0.3257, 0.3141 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 56.0441, 0.3257, 0.3141 by changing the saturation by 10% instead.


 56.0441, 0.3257,
0.3141

 56.0441, 0.3257,
0.3141


409.8577, 0.3194,
0.3213

 40.2383, 0.3272,
0.3124


 99.0691, 0.3235,
0.3166

 27.7244, 0.3291,
0.3103


127.0570, 0.3226,
0.3176

 18.1180, 0.3315,
0.3075


159.8744, 0.3219,
0.3184

 11.0347, 0.3348,
0.3038

197.9057, 0.3213,
0.3191

 6.0902, 0.3395,
0.2985

241.5353, 0.3207,
0.3198

 2.9000, 0.3468,
0.2904

291.1475, 0.3203,

 1.0798, 0.3595,

0.3203

0.2766

347.1269, 0.3198,
0.3208

0.0000, 0.6213,
0.0000

0.0000, 0.0000,
0.0000

56.0441, 0.3257,
0.3141

56.0441, 0.3257,
0.3141

46.7627, 0.3382,
0.3018

66.7850, 0.3153,
0.3258

38.8699, 0.3533,
0.2893

79.0375, 0.3068,
0.3367

32.3001, 0.3712,
0.2771

92.6037, 0.2997,
0.3465

26.9793, 0.3920,
0.2659

93.3120, 0.2934,
0.3344

■ 22.8262, 0.4156,
0.2568

■ 93.6492, 0.2906,
0.3289

■ 19.7498, 0.4415,
0.2511

■ 17.6452, 0.4685,
0.2500

■ 16.3864, 0.4951,
0.2543

■ 15.8558, 0.5133,
0.2601

Harmonies

Analogous

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



56.0441, 0.3092, 0.3047



56.0441, 0.3257, 0.3141



56.0441, 0.3390, 0.3273

Triad

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



56.0441, 0.3257, 0.3141



56.0441, 0.3313, 0.3578



56.0441, 0.2814, 0.3153

Complementary

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



56.0441, 0.3257, 0.3141



65.5094, 0.3014, 0.3444

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.



56.0441, 0.2870, 0.3299



56.0441, 0.3257, 0.3141



56.0441, 0.3156, 0.3550

Square

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



56.0441, 0.3257, 0.3141



56.0441, 0.3422, 0.3526



56.0441, 0.2995, 0.3446



56.0441, 0.2839, 0.3050

Rectangle

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



56.0441, 0.3257, 0.3141



56.0441, 0.3440, 0.3368



56.0441, 0.2995, 0.3446



56.0441, 0.2824, 0.3199

Sweetspot

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



56.0466, 0.3257, 0.3141



93.3173, 0.3164, 0.3245



54.8587, 0.3039, 0.2964



19.7131, 0.3172, 0.3236



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.



56.0466, 0.3257, 0.3141



76.7281, 0.3284, 0.3114



55.8571, 0.3359, 0.3302



13.1518, 0.3219, 0.3182



9.5182, 0.5098, 0.2582



0.6339, 0.4710, 0.2368

Inverse Universe

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



56.0466, 0.3257, 0.3141



76.7281, 0.3284, 0.3114



65.6818, 0.2931, 0.3279



13.1518, 0.3219, 0.3182



9.5182, 0.5098, 0.2582



0.6339, 0.4710, 0.2368

Previews

White Background



This preview shows how the Yxy color 56.0441, 0.3257, 0.3141 looks on a white background.

Color Contrast Check

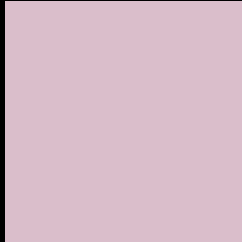
Large Text (above 18pt) WCAG AA × Fail

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 56.0441, 0.3257, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

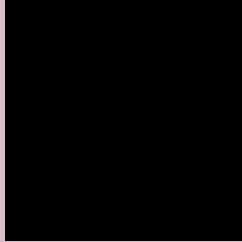
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0441, 0.3257, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 56.0441, 0.3257, 0.3141.



This preview shows how white text looks on a background with the Yxy color 56.0441, 0.3257, 0.3141.

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

56.0441, 0.3257, 0.3141

Protanopia

55.9906, 0.3063, 0.3159

Deuteranopia

55.8695, 0.3223, 0.3151



Tritanopia

56.1401, 0.3241, 0.3119

Trichromacy



Original Color

56.0441, 0.3257, 0.3141

Protanomaly

56.0189, 0.3126, 0.3149

Deuteranomaly

56.0205, 0.3231, 0.3152

Tritanomaly

56.0920, 0.3249, 0.3130

Monochromacy



Original Color

56.0441, 0.3257, 0.3141

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9623, 0.3178, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0441, 0.3257, 0.3141 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, 190, 203)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 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(218, 190, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 203) }
```

Border

The CSS property to change the border of an element to Yxy 56.0441, 0.3257, 0.3141 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, 190, 203) }
```

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

```
.border{ border-color:rgb(218, 190, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 190, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 203);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0441, 0.3257, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 203) }
```

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

```
.background{ background-color: rgb(218,  
190, 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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