

Converting Colors

$Yxy(56.0132, 0.3227, 0.3074)$

Have a look what the booklet for
Yxy(56.0132, 0.3227, 0.3074)
contains.

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Color

Yxy(56.0093, 0.3227, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	DBBDD0
RGB	219, 189, 208
RGB Percent	86%, 74%, 82%
CMY	0.1412, 0.2588, 0.1842
CMYK	0.00, 0.14, 0.05, 0.14
HSL	322°, 29%, 80%
HSV	322°, 14%, 86%
XYZ	58.7970, 56.0093, 67.3970
YIQ	200.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

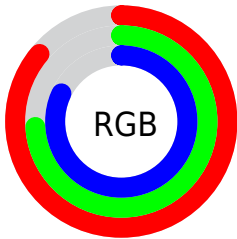
Format	Color
R _{YB}	219, 189, 208
Decimal	14400976
CIE Lab	79.62, 13.88, -5.59
CIE LCh	80, 14.963, 338.076
Yxy	56.0093, 0.3227, 0.3074
Android (android.graphics.Color)	4292591056 (0xFFDBBDD0)
YUV	200.1360, 3.8770, 16.5437
Hunter-Lab	74.8394, 9.2684, -1.0064

Details

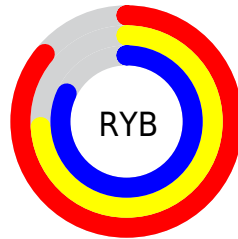
The Yxy color $56.0093, 0.3227, 0.3074$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $65.6507, 0.3039, 0.3516$, and the grayscale version is $57.8189, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $27.8339, 0.3250, 0.3021$ is the 20% darker color. If you saturate the color by 10%, you get $46.9057, 0.3316, 0.2909$, and if you desaturate by 10%, it is $66.5603, 0.3152, 0.3233$.

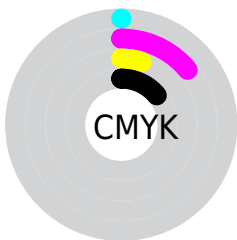
Distribution



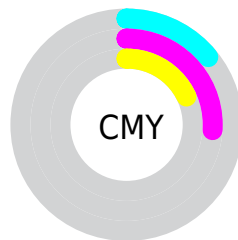
- Red (86%)
- Green (74%)
- Blue (82%)



- Red (86%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (14%)




- Cyan (14%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0093, 0.3227, 0.3074 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 56.0093, 0.3227, 0.3074 by changing the saturation by 10% instead.


 56.0093, 0.3227,
0.3074

 56.0093, 0.3227,
0.3074


409.7265, 0.3180,
0.3177

 40.2104, 0.3238,
0.3050


 99.0182, 0.3210,
0.3110

 27.7026, 0.3252,
0.3019


126.9969, 0.3204,
0.3124

 18.1016, 0.3270,
0.2980


159.8044, 0.3198,
0.3136

 11.0230, 0.3294,
0.2928

197.8250, 0.3194,
0.3147

 6.0823, 0.3328,
0.2854

241.4431, 0.3189,
0.3156

 2.8952, 0.3380,
0.2743

291.0432, 0.3186,

 1.0773, 0.3466,

0.3164

0.2556

347.0095, 0.3182,
0.3171

0.0000, 0.4643,
0.0000

0.0000, 0.0000,
0.0000

56.0093, 0.3227,
0.3074

56.0093, 0.3227,
0.3074

46.9057, 0.3316,
0.2909

66.5603, 0.3152,
0.3233

39.1782, 0.3421,
0.2742

78.6113, 0.3089,
0.3384

32.7607, 0.3541,
0.2579

92.2210, 0.3036,
0.3524

27.5786, 0.3678,
0.2430

92.8761, 0.2992,
0.3443

■ 23.5495, 0.3828,
0.2305

■ 93.3635, 0.2948,
0.3360

■ 20.5813, 0.3989,
0.2216

■ 93.7997, 0.2911,
0.3289

■ 18.5674, 0.4154,
0.2173

■ 17.3786, 0.4318,
0.2182

■ 16.9187, 0.4419,
0.2208

Harmonies

Analogous

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



56.0093, 0.3028, 0.2981



56.0093, 0.3227, 0.3074



56.0093, 0.3404, 0.3221

Triad

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



56.0093, 0.3227, 0.3074



56.0093, 0.3395, 0.3627



56.0093, 0.2763, 0.3171

Complementary

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



56.0093, 0.3227, 0.3074



65.6507, 0.3039, 0.3516

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.



56.0093, 0.2855, 0.3353



56.0093, 0.3227, 0.3074



56.0093, 0.3218, 0.3623

Square

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



56.0093, 0.3227, 0.3074



56.0093, 0.3502, 0.3539



56.0093, 0.3020, 0.3522



56.0093, 0.2765, 0.3030

Rectangle

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



56.0093, 0.3227, 0.3074



56.0093, 0.3483, 0.3333



56.0093, 0.3020, 0.3522



56.0093, 0.2784, 0.3230

Sweetspot

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



56.0118, 0.3227, 0.3074



93.4257, 0.3154, 0.3228



53.7224, 0.2989, 0.2937



19.7406, 0.3159, 0.3216



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.



56.0118, 0.3227, 0.3074



75.7495, 0.3247, 0.3034



55.3296, 0.3342, 0.3239



13.1897, 0.3193, 0.3143



10.0540, 0.4396, 0.2195



0.6677, 0.4152, 0.2061

Inverse Universe

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



56.0118, 0.3227, 0.3074



75.7495, 0.3247, 0.3034



66.3618, 0.2947, 0.3342



13.1897, 0.3193, 0.3143



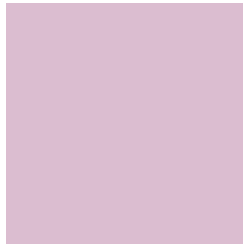
10.0540, 0.4396, 0.2195



0.6677, 0.4152, 0.2061

Previews

White Background



This preview shows how the Yxy color 56.0093, 0.3227, 0.3074 looks on a white background.

Color Contrast Check

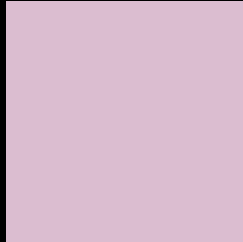
Large Text (above 18pt) WCAG AA × Fail

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 56.0093, 0.3227, 0.3074 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 56.0093, 0.3227, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 56.0093, 0.3227, 0.3074.



This preview shows how white text looks on a background with the Yxy color 56.0093, 0.3227, 0.3074.

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

56.0093, 0.3227, 0.3074

Protanopia

56.1036, 0.3019, 0.3100

Deuteranopia

56.2504, 0.3168, 0.3105



Tritanopia

56.0920, 0.3249, 0.3130

Trichromacy



Original Color

56.0093, 0.3227, 0.3074

Protanomaly

55.8222, 0.3089, 0.3079

Deuteranomaly

56.2627, 0.3193, 0.3095

Tritanomaly

56.1401, 0.3241, 0.3119

Monochromacy



Original Color

56.0093, 0.3227, 0.3074

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0571, 0.3163, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0093, 0.3227, 0.3074 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(219, 189, 208)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 208)  
}
```

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(219, 189, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 208) }
```

Border

The CSS property to change the border of an element to Yxy 56.0093, 0.3227, 0.3074 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(219, 189, 208) }
```

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

```
.border{ border-color:rgb(219, 189, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 208);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0093, 0.3227, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 208) }
```

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

```
.background{ background-color: rgb(219,  
189, 208) }
```

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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