

Converting Colors

$Yxy(55.7236, 0.3190, 0.2963)$

Have a look what the booklet for
Yxy(55.7236, 0.3190, 0.2963)
contains.

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Color

Yxy(56.0281, 0.3191, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	DEBBD8
RGB	222, 187, 216
RGB Percent	87%, 73%, 85%
CMY	0.1296, 0.2666, 0.1530
CMYK	0.00, 0.16, 0.03, 0.13
HSL	310°, 35%, 80%
HSV	310°, 16%, 87%
XYZ	60.2784, 56.0281, 72.5947
YIQ	200.7710, 11.5510, 16.4390

Conversions

Conversions Part 2

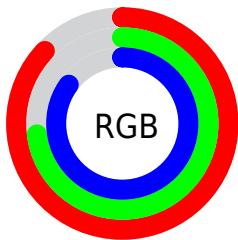
Format	Color
R _Y B	222, 187, 216
Decimal	14597080
CIE Lab	79.63, 17.38, -9.84
CIE LCh	80, 19.976, 330.482
Yxy	56.0281, 0.3191, 0.2966
Android (android.graphics.Color)	4292787160 (0xFFDEBBD8)
YUV	200.7710, 7.5079, 18.6178
Hunter-Lab	74.8519, 12.7555, -5.1057

Details

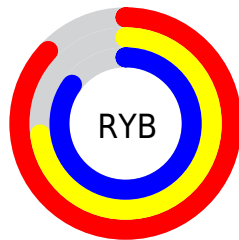
The Yxy color $56.0281, 0.3191, 0.2966$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $66.6386, 0.3069, 0.3637$, and the grayscale version is $58.2058, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $27.8389, 0.3212, 0.2894$ is the 20% darker color. If you saturate the color by 10%, you get $47.1342, 0.3239, 0.2754$, and if you desaturate by 10%, it is $66.3870, 0.3149, 0.3174$.

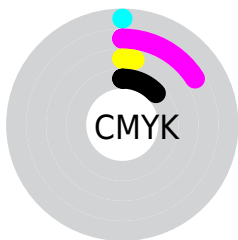
Distribution



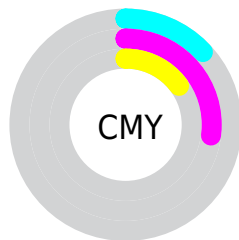
- Red (87%)
- Green (73%)
- Blue (85%)



- Red (87%)
- Yellow (73%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0281, 0.3191, 0.2966 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 56.0281, 0.3191, 0.2966 by changing the saturation by 10% instead.

 56.0281, 0.3191,
0.2966

 56.0281, 0.3191,
0.2966


409.7974, 0.3162,
0.3119

 40.2255, 0.3198,
0.2930


 99.0457, 0.3181,
0.3020

 27.7144, 0.3205,
0.2886


127.0294, 0.3177,
0.3040

 18.1105, 0.3215,
0.2829


159.8422, 0.3174,
0.3058

 11.0293, 0.3228,
0.2753

197.8686, 0.3171,
0.3074

 6.0866, 0.3245,
0.2648

241.4929, 0.3168,
0.3087

 2.8978, 0.3268,
0.2493

291.0996, 0.3166,

 1.0786, 0.3301,

0.3099

0.2240

347.0729, 0.3164,
0.3110

0.0000, 0.3746,
0.0000

0.0000, 0.0000,
0.0000

56.0281, 0.3191,
0.2966

56.0281, 0.3191,
0.2966

47.1342, 0.3239,
0.2754

66.3870, 0.3149,
0.3174

39.6312, 0.3293,
0.2543

78.2659, 0.3112,
0.3374

33.4498, 0.3352,
0.2343

91.7260, 0.3081,
0.3562

28.5116, 0.3416,
0.2163

92.8219, 0.3059,
0.3535

■ 24.7302, 0.3482,
0.2013

■ 93.0388, 0.3038,
0.3496

■ 22.0077, 0.3549,
0.1901

■ 93.2603, 0.3017,
0.3456

■ 20.2306, 0.3614,
0.1834

■ 93.4866, 0.2996,
0.3417

■ 19.2584, 0.3676,
0.1813

■ 93.7176, 0.2975,
0.3378

■ 18.9850, 0.3701,
0.1813

■ 93.9534, 0.2955,
0.3339

Harmonies

Analogous

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



56.0281, 0.2930, 0.2866



56.0281, 0.3191, 0.2966



56.0281, 0.3444, 0.3144

Triad

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



56.0281, 0.3191, 0.2966



56.0281, 0.3531, 0.3720



56.0281, 0.2665, 0.3186

Complementary

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



56.0281, 0.3191, 0.2966



66.6386, 0.3069, 0.3637

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.



56.0281, 0.2813, 0.3435



56.0281, 0.3191, 0.2966



56.0281, 0.3311, 0.3753

Square

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



56.0281, 0.3191, 0.2966



56.0281, 0.3644, 0.3572



56.0281, 0.3048, 0.3649



56.0281, 0.2635, 0.2981

Rectangle

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



56.0281, 0.3191, 0.2966



56.0281, 0.3570, 0.3287



56.0281, 0.3048, 0.3649



56.0281, 0.2702, 0.3268

Sweetspot

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



56.0305, 0.3191, 0.2966



91.9936, 0.3146, 0.3189



52.1389, 0.2917, 0.2874



19.4587, 0.3149, 0.3174



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.



56.0305, 0.3191, 0.2966



72.3660, 0.3207, 0.2894



55.1814, 0.3328, 0.3158



13.8933, 0.3164, 0.3098



11.2959, 0.3693, 0.1808



0.7937, 0.3606, 0.1760

Inverse Universe

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



56.0305, 0.3191, 0.2966



72.3660, 0.3207, 0.2894



67.4574, 0.2960, 0.3427



13.8933, 0.3164, 0.3098



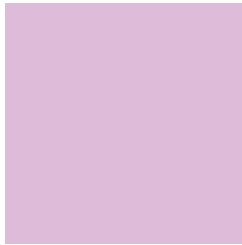
11.2959, 0.3693, 0.1808



0.7937, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 56.0281, 0.3191, 0.2966 looks on a white background.

Color Contrast Check

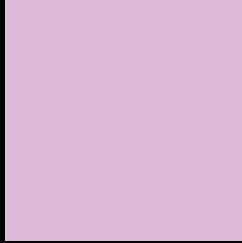
Large Text (above 18pt) WCAG AA × Fail

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 56.0281, 0.3191, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

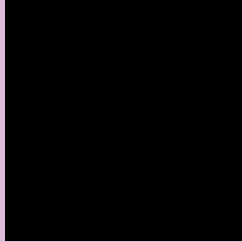
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0281, 0.3191, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 56.0281, 0.3191, 0.2966.



This preview shows how white text looks on a background with the Yxy color 56.0281, 0.3191, 0.2966.

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

56.0281, 0.3191, 0.2966

Protanopia

56.2231, 0.2928, 0.2983

Deuteranopia

56.1609, 0.3092, 0.3025



Tritanopia

55.9705, 0.3267, 0.3119

Trichromacy



Original Color

56.0281, 0.3191, 0.2966

Protanomaly

56.1446, 0.3017, 0.2977

Deuteranomaly

56.0293, 0.3133, 0.3005

Tritanomaly

55.8927, 0.3244, 0.3064

Monochromacy



Original Color

56.0281, 0.3191, 0.2966

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4914, 0.3156, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0281, 0.3191, 0.2966 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(222, 187, 216)` looks like.

```
.text, #text, p{  
    color:rgb(222, 187, 216)  
}
```

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(222, 187, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 187, 216) }
```

Border

The CSS property to change the border of an element to Yxy 56.0281, 0.3191, 0.2966 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(222, 187, 216) }
```

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

```
.border{ border-color:rgb(222, 187, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 187, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 187, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 187, 216);  
box-shadow:4px 4px 4px 4px rgb(222, 187,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0281, 0.3191, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 187, 216) }
```

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

```
.background{ background-color: rgb(222,  
187, 216) }
```

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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