

Converting Colors

Yxy(50.6022, 0.3159, 0.2783)

Have a look what the booklet for
Yxy(50.6022, 0.3159, 0.2783)
contains.

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Color

Yxy(50.6022, 0.3159, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	DCAEDB
RGB	220, 174, 219
RGB Percent	86%, 68%, 86%
CMY	0.1373, 0.3176, 0.1410
CMYK	0.00, 0.21, 0.00, 0.14
HSL	301°, 40%, 77%
HSV	301°, 21%, 86%
XYZ	57.4389, 50.6022, 73.7850
YIQ	192.8840, 12.9710, 23.7470

Conversions

Conversions Part 2

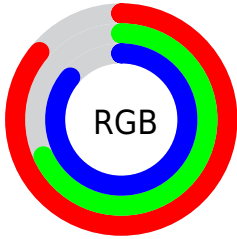
Format	Color
R_{YB}	220, 174, 219
Decimal	14462683
CIE _{Lab}	76.44, 24.29, -16.30
CIE _{LCh}	76, 29.249, 326.142
Yxy	50.6022, 0.3159, 0.2783
Android (android.graphics.Color)	4292652763 (0xFFDCAEDB)
YUV	192.8840, 12.8752, 23.7807
Hunter-Lab	71.1352, 19.6450, -11.7039

Details

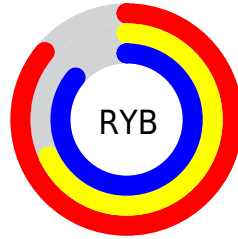
The Yxy color **50.6022, 0.3159, 0.2783** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.2732, 0.3094, 0.3855**, and the grayscale version is **53.1756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **24.3544, 0.3168, 0.2656** is the 20% darker color. If you saturate the color by 10%, you get **42.7650, 0.3175, 0.2539**, and if you desaturate by 10%, it is **59.8359, 0.3143, 0.3029**.

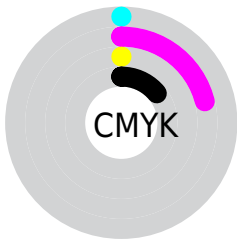
Distribution



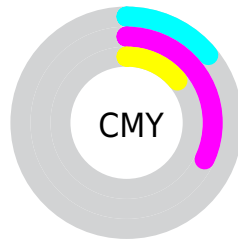
- Red (86%)
- Green (68%)
- Blue (86%)



- Red (86%)
- Yellow (68%)
- Blue (86%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)




- Cyan (14%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6022, 0.3159, 0.2783 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 50.6022, 0.3159, 0.2783 by changing the saturation by 10% instead.


 50.6022, 0.3159,
0.2783

 50.6022, 0.3159,
0.2783


389.0163, 0.3148,
0.3023

 35.8921, 0.3161,
0.2727


 91.0665, 0.3156,
0.2867

 24.3509, 0.3162,
0.2657


117.5895, 0.3154,
0.2900

 15.5941, 0.3163,
0.2568


148.8189, 0.3153,
0.2927

 9.2374, 0.3163,
0.2450

185.1392, 0.3152,
0.2952

 4.8964, 0.3160,
0.2287

226.9346, 0.3150,
0.2973

 2.1866, 0.3148,
0.2048

274.5897, 0.3149,

 0.7127, 0.3117,

0.2991

0.1649

328.4888, 0.3148,
0.3008

0.0000, 0.2350,
0.0000

0.0000, 0.0000,
0.0000

50.6022, 0.3159,
0.2783

50.6022, 0.3159,
0.2783

42.7650, 0.3175,
0.2539

59.8359, 0.3143,
0.3029

36.2499, 0.3192,
0.2306


70.5225, 0.3128,
0.3269


30.9859, 0.3207,
0.2093

82.7235, 0.3115,
0.3499


26.8924, 0.3222,
0.1909

91.9467, 0.3105,
0.3646


 23.8798, 0.3235,
0.1762


 91.9709, 0.3103,
0.3641


 21.8450, 0.3246,
0.1658


 91.9952, 0.3100,
0.3636

 20.6655, 0.3255,
0.1596

 92.0195, 0.3097,
0.3632

 20.1435, 0.3262,
0.1571

 92.0439, 0.3095,
0.3627

 92.0684, 0.3092,
0.3622

Harmonies

Analogous

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



50.6022, 0.2777, 0.2655



50.6022, 0.3159, 0.2783



50.6022, 0.3556, 0.3026

Triad

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



50.6022, 0.3159, 0.2783



50.6022, 0.3771, 0.3909



50.6022, 0.2460, 0.3175

Complementary

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



50.6022, 0.3159, 0.2783



63.2732, 0.3094, 0.3855

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.



50.6022, 0.2697, 0.3564



50.6022, 0.3159, 0.2783



50.6022, 0.3451, 0.4007

Square

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



50.6022, 0.3159, 0.2783



50.6022, 0.3919, 0.3656



50.6022, 0.3057, 0.3884



50.6022, 0.2393, 0.2853

Rectangle

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



50.6022, 0.3159, 0.2783



50.6022, 0.3766, 0.3229



50.6022, 0.3057, 0.3884



50.6022, 0.2521, 0.3303

Sweetspot

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



50.6044, 0.3159, 0.2783



90.6034, 0.3136, 0.3146



44.5280, 0.2784, 0.2713



19.1838, 0.3137, 0.3130



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.



50.6044, 0.3159, 0.2783



65.7663, 0.3166, 0.2677



49.4838, 0.3349, 0.3033



13.2700, 0.3141, 0.3064



11.8255, 0.3261, 0.1570



0.7676, 0.3252, 0.1565

Inverse Universe

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



50.6044, 0.3159, 0.2783



65.7663, 0.3166, 0.2677



64.2462, 0.2951, 0.3563



13.2700, 0.3141, 0.3064



11.8255, 0.3261, 0.1570



0.7676, 0.3252, 0.1565

Previews

White Background



This preview shows how the Yxy color 50.6022, 0.3159, 0.2783 looks on a white background.

Color Contrast Check

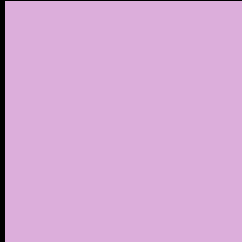
Large Text (above 18pt) WCAG AA × Fail

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 50.6022, 0.3159, 0.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

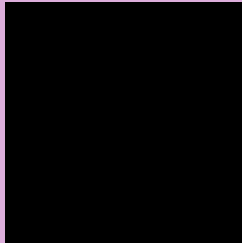
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6022, 0.3159, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 50.6022, 0.3159, 0.2783.



This preview shows how white text looks on a background with the Yxy color 50.6022, 0.3159, 0.2783.

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

50.6022, 0.3159, 0.2783

Protanopia

50.8454, 0.2780, 0.2794

Deuteranopia

50.7601, 0.2960, 0.2894



Tritanopia

50.6894, 0.3334, 0.3126

Trichromacy



Original Color

50.6022, 0.3159, 0.2783

Protanomaly

50.4942, 0.2910, 0.2782

Deuteranomaly

50.4010, 0.3024, 0.2844

Tritanomaly

50.4603, 0.3270, 0.3000

Monochromacy



Original Color

50.6022, 0.3159, 0.2783

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.0786, 0.3144, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6022, 0.3159, 0.2783 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(220, 174, 219)` looks like.

```
.text, #text, p{  
    color:rgb(220, 174, 219)  
}
```

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(220, 174, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 174, 219) }
```

Border

The CSS property to change the border of an element to Yxy 50.6022, 0.3159, 0.2783 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(220, 174, 219) }
```

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

```
.border{ border-color:rgb(220, 174, 219) }
```

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

Here you see how a box with a 4 pixel rgb(220, 174, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 174, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 174, 219);  
box-shadow:4px 4px 4px 4px rgb(220, 174,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6022, 0.3159, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 174, 219) }
```

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

```
.background{ background-color: rgb(220,  
174, 219) }
```

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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