

Converting Colors

$Y_{xy}(65.8783, 0.3094, 0.3117)$

Have a look what the booklet for
Yxy(65.8783, 0.3094, 0.3117)
contains.

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Color

Yxy(66.0428, 0.3098, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	DBD1E0
RGB	219, 209, 224
RGB Percent	86%, 82%, 88%
CMY	0.1411, 0.1804, 0.1215
CMYK	0.02, 0.07, 0.00, 0.12
HSL	280°, 19%, 85%
HSV	280°, 7%, 88%
XYZ	65.4722, 66.0428, 79.8220
YIQ	213.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

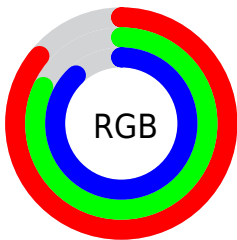
Format	Color
R _Y B	219, 209, 224
Decimal	14406112
CIE Lab	85.02, 6.16, -6.17
CIE LCh	85, 8.714, 314.950
Yxy	66.0428, 0.3098, 0.3125
Android (android.graphics.Color)	4292596192 (0xFFDBD1E0)
YUV	213.7000, 5.0779, 4.6481
Hunter-Lab	81.2667, 1.5910, -1.3492

Details

The Yxy color $66.0428, 0.3098, 0.3125$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.2136, 0.3154, 0.3457$, and the grayscale version is $67.0007, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.1998, 0.3088, 0.3089$ is the 20% darker color. If you saturate the color by 10%, you get $54.6855, 0.3047, 0.2865$, and if you desaturate by 10%, it is $79.0029, 0.3140, 0.3368$.

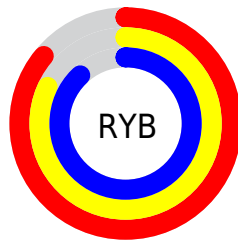
Distribution



Red (86%)

Green (82%)

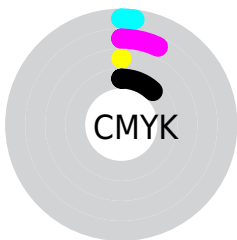
Blue (88%)



Red (86%)

Yellow (82%)

Blue (88%)

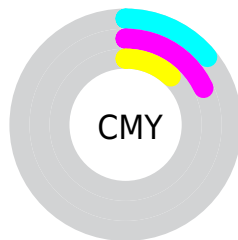


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (14%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0428, 0.3098, 0.3125 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 66.0428, 0.3098, 0.3125 by changing the saturation by 10% instead.

■ 66.0428, 0.3098,
0.3125

■ 66.0428, 0.3098,
0.3125

446.5299, 0.3112,
0.3202

■ 48.3071, 0.3095,
0.3107

113.5478, 0.3103,
0.3152

■ 34.0702, 0.3090,
0.3085

144.0859, 0.3105,
0.3162

■ 22.9475, 0.3085,
0.3057

179.6602, 0.3107,
0.3171

■ 14.5548, 0.3077,
0.3021

220.6553, 0.3108,
0.3179

■ 8.5075, 0.3067,
0.2970

267.4554, 0.3109,
0.3186

■ 4.4214, 0.3051,
0.2896

320.4449, 0.3110,

■ 1.9120, 0.3023,

0.3192

0.2779

380.0083, 0.3111,
0.3197

0.5556, 0.2986,
0.2445

0.0000, 0.0000,
0.0000

66.0428, 0.3098,
0.3125

66.0428, 0.3098,
0.3125

54.6855, 0.3047,
0.2865

79.0029, 0.3140,
0.3368

44.8577, 0.2988,
0.2593

93.6183, 0.3175,
0.3593

36.4930, 0.2920,
0.2314

95.6679, 0.3222,
0.3600

29.5165, 0.2843,
0.2040

97.0087, 0.3269,
0.3595

■ 23.8470, 0.2759,
0.1780

■ 98.1622, 0.3309,
0.3591

■ 19.3940, 0.2670,
0.1547

■ 16.0558, 0.2579,
0.1353

■ 13.7131, 0.2489,
0.1206

■ 12.2140, 0.2403,
0.1109

Harmonies

Analogous

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



66.0428, 0.2998, 0.3106



66.0428, 0.3098, 0.3125



66.0428, 0.3207, 0.3186

Triad

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



66.0428, 0.3098, 0.3125



66.0428, 0.3324, 0.3444



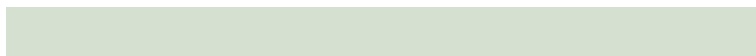
66.0428, 0.2960, 0.3303

Complementary

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



66.0428, 0.3098, 0.3125



72.2136, 0.3154, 0.3457

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.



66.0428, 0.3046, 0.3397



66.0428, 0.3098, 0.3125



66.0428, 0.3256, 0.3479

Square

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



66.0428, 0.3098, 0.3125



66.0428, 0.3339, 0.3368



66.0428, 0.3154, 0.3463



66.0428, 0.2920, 0.3206

Rectangle

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



66.0428, 0.3098, 0.3125



66.0428, 0.3271, 0.3243



66.0428, 0.3154, 0.3463



66.0428, 0.2985, 0.3336

Sweetspot

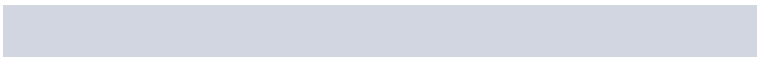
The Sweet Spot groups the original color and five complimentary colors.



66.0456, 0.3098, 0.3125



96.4688, 0.3119, 0.3241



67.0319, 0.3025, 0.3178



20.6853, 0.3119, 0.3244



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.



66.0456, 0.3098, 0.3125



86.4036, 0.3092, 0.3091



66.6969, 0.3152, 0.3154



13.6954, 0.3085, 0.3055



6.9441, 0.2388, 0.1089



0.5296, 0.2517, 0.1160

Inverse Universe

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



66.3040, 0.3205, 0.3235



86.8218, 0.3222, 0.3224



71.5989, 0.3103, 0.3430



13.7754, 0.3240, 0.3212



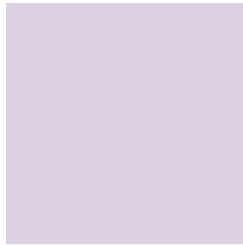
9.5351, 0.5635, 0.2878



0.6771, 0.5199, 0.2638

Previews

White Background



This preview shows how the Yxy color 66.0428, 0.3098, 0.3125 looks on a white background.

Color Contrast Check

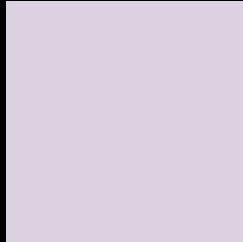
Large Text (above 18pt) WCAG AA × Fail

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 66.0428, 0.3098, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

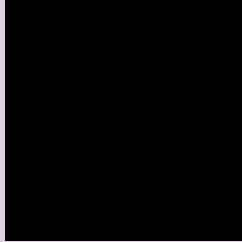
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

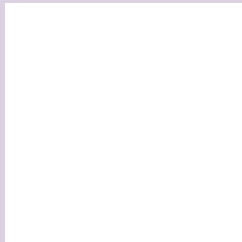
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0428, 0.3098, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 66.0428, 0.3098, 0.3125.

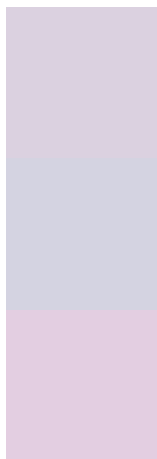


This preview shows how white text looks on a background with the Yxy color 66.0428, 0.3098, 0.3125.

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

66.0428, 0.3098, 0.3125

Protanopia

66.0218, 0.3040, 0.3134

Deuteranopia

65.9097, 0.3152, 0.3085



Tritanopia

66.0972, 0.3091, 0.3114

Trichromacy



Original Color

66.0428, 0.3098, 0.3125

Protanomaly

65.9765, 0.3062, 0.3124

Deuteranomaly

65.9092, 0.3129, 0.3094

Tritanomaly

66.0972, 0.3091, 0.3114

Monochromacy



Original Color

66.0428, 0.3098, 0.3125

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.7479, 0.3116, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0428, 0.3098, 0.3125 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, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 224)  
}
```

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, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 224) }
```

Border

The CSS property to change the border of an element to Yxy 66.0428, 0.3098, 0.3125 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, 209, 224) }
```

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

```
.border{ border-color:rgb(219, 209, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 209,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0428, 0.3098, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 209, 224) }
```

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

```
.background{ background-color: rgb(219,  
209, 224) }
```

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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