

Converting Colors

Yxy(65.5147, 0.3098, 0.3107)

Have a look what the booklet for
Yxy(65.5147, 0.3098, 0.3107)
contains.

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Color

Yxy(65.5536, 0.3098, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	DBD0E0
RGB	219, 208, 224
RGB Percent	86%, 82%, 88%
CMY	0.1413, 0.1843, 0.1215
CMYK	0.02, 0.07, 0.00, 0.12
HSL	281°, 21%, 85%
HSV	281°, 7%, 88%
XYZ	65.2168, 65.5536, 79.7421
YIQ	213.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

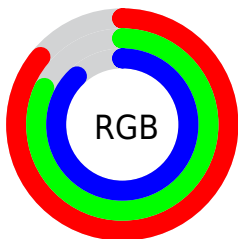
Format	Color
R _Y B	219, 208, 224
Decimal	14405856
CIE Lab	84.77, 6.66, -6.54
CIE LCh	85, 9.333, 315.526
Yxy	65.5536, 0.3098, 0.3114
Android (android.graphics.Color)	4292595936 (0xFFDBD0E0)
YUV	213.1130, 5.3673, 5.1629
Hunter-Lab	80.9652, 2.0912, -1.7188

Details

The Yxy color **65.5536, 0.3098, 0.3114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0257, 0.3154, 0.3468**, and the grayscale version is **66.5809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8683, 0.3088, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **54.3206, 0.3050, 0.2854**, and if you desaturate by 10%, it is **78.3813, 0.3138, 0.3358**.

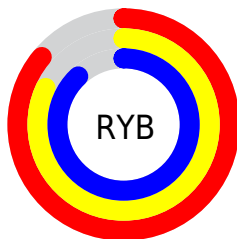
Distribution



Red (86%)

Green (82%)

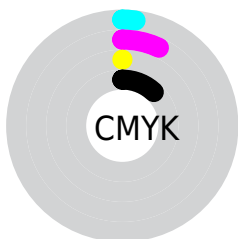
Blue (88%)



Red (86%)

Yellow (82%)

Blue (88%)

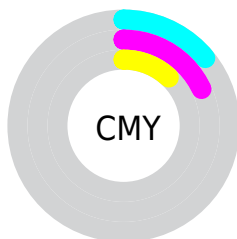


Cyan (2%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (14%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5536, 0.3098, 0.3114 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 65.5536, 0.3098, 0.3114 by changing the saturation by 10% instead.

65.5536, 0.3098,
0.3114

65.5536, 0.3098,
0.3114

444.7787, 0.3112,
0.3196

47.9101, 0.3095,
0.3095

112.8454, 0.3103,
0.3143

33.7557, 0.3090,
0.3072

143.2625, 0.3105,
0.3154

22.7060, 0.3085,
0.3042

178.7062, 0.3107,
0.3163

14.3766, 0.3077,
0.3003

219.5610, 0.3108,
0.3172

8.3830, 0.3066,
0.2949

266.2113, 0.3109,
0.3179

4.3410, 0.3050,
0.2870

319.0414, 0.3110,

1.8661, 0.3021,

0.3185

0.2744

378.4357, 0.3111,
0.3191

0.5279, 0.2985,
0.2372

0.0000, 0.0000,
0.0000

65.5536, 0.3098,
0.3114

65.5536, 0.3098,
0.3114

54.3206, 0.3050,
0.2854

78.3813, 0.3138,
0.3358

44.6092, 0.2994,
0.2582

92.8565, 0.3170,
0.3583

36.3526, 0.2930,
0.2306

95.4546, 0.3214,
0.3600

29.4760, 0.2857,
0.2034

96.7159, 0.3259,
0.3596

■ 23.8976, 0.2777,
0.1778

■ 98.0259, 0.3305,
0.3592

■ 19.5271, 0.2693,
0.1550

■ 98.1623, 0.3309,
0.3591

■ 16.2618, 0.2606,
0.1362

■ 13.9819, 0.2521,
0.1220

■ 12.5299, 0.2440,
0.1127

Harmonies

Analogous

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



65.5536, 0.2990, 0.3092



65.5536, 0.3098, 0.3114



65.5536, 0.3215, 0.3180

Triad

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



65.5536, 0.3098, 0.3114



65.5536, 0.3338, 0.3456



65.5536, 0.2947, 0.3301

Complementary

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



65.5536, 0.3098, 0.3114



72.0257, 0.3154, 0.3468

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.



65.5536, 0.3037, 0.3404



65.5536, 0.3098, 0.3114



65.5536, 0.3263, 0.3493

Square

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



65.5536, 0.3098, 0.3114



65.5536, 0.3356, 0.3376



65.5536, 0.3153, 0.3475



65.5536, 0.2904, 0.3198

Rectangle

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



65.5536, 0.3098, 0.3114



65.5536, 0.3283, 0.3242



65.5536, 0.3153, 0.3475



65.5536, 0.2973, 0.3337

Sweetspot

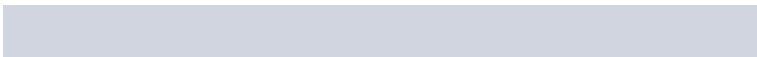
The Sweet Spot groups the original color and five complimentary colors.



65.5564, 0.3098, 0.3114



96.4854, 0.3119, 0.3241



66.4232, 0.3018, 0.3167



20.6887, 0.3120, 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.



65.5564, 0.3098, 0.3114



84.8748, 0.3089, 0.3065



66.1925, 0.3156, 0.3148



13.7076, 0.3088, 0.3055



7.1598, 0.2429, 0.1112



0.5434, 0.2552, 0.1179

Inverse Universe

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



65.7750, 0.3212, 0.3235



85.2503, 0.3238, 0.3219



71.4287, 0.3100, 0.3437



13.7714, 0.3243, 0.3216



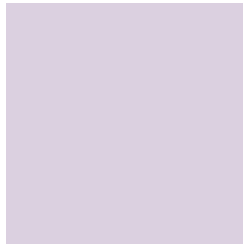
9.5047, 0.5699, 0.2913



0.6747, 0.5260, 0.2671

Previews

White Background



This preview shows how the Yxy color 65.5536, 0.3098, 0.3114 looks on a white background.

Color Contrast Check

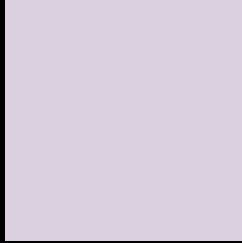
Large Text (above 18pt) WCAG AA × Fail

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 65.5536, 0.3098, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

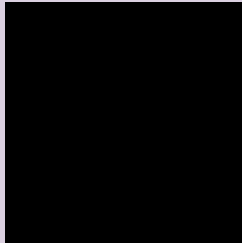
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

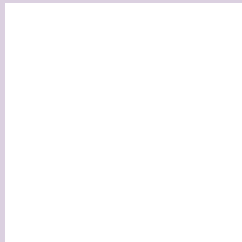
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5536, 0.3098, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 65.5536, 0.3098, 0.3114.

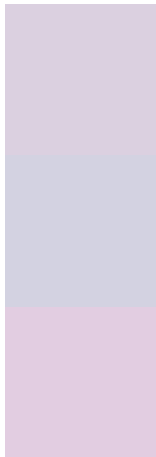


This preview shows how white text looks on a background with the Yxy color 65.5536, 0.3098, 0.3114.

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

65.5536, 0.3098, 0.3114

Protanopia

65.3783, 0.3033, 0.3122

Deuteranopia

65.2676, 0.3145, 0.3073



Tritanopia

65.5536, 0.3098, 0.3114

Trichromacy



Original Color

65.5536, 0.3098, 0.3114

Protanomaly

65.3333, 0.3055, 0.3112

Deuteranomaly

65.2668, 0.3122, 0.3083

Tritanomaly

65.5536, 0.3098, 0.3114

Monochromacy



Original Color

65.5536, 0.3098, 0.3114

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.0454, 0.3116, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5536, 0.3098, 0.3114 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, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 208, 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, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 208, 224) }
```

Border

The CSS property to change the border of an element to Yxy 65.5536, 0.3098, 0.3114 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, 208, 224) }
```

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

```
.border{ border-color:rgb(219, 208, 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, 208, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 208,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5536, 0.3098, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 208, 224) }
```

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

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