

Converting Colors

$Y_{xy}(65.7073, 0.3126, 0.3126)$

Have a look what the booklet for
Yxy(65.7073, 0.3126, 0.3126)
contains.

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Color

Yxy(65.8116, 0.3120, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	DDD0DF
RGB	221, 208, 223
RGB Percent	87%, 82%, 87%
CMY	0.1334, 0.1843, 0.1256
CMYK	0.01, 0.07, 0.00, 0.13
HSL	292°, 19%, 85%
HSV	292°, 7%, 87%
XYZ	65.6853, 65.8116, 79.0329
YIQ	213.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

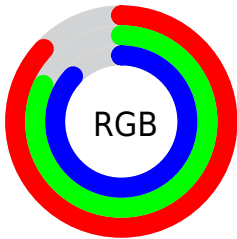
Format	Color
R _Y B	221, 208, 223
Decimal	14536927
CIE Lab	84.90, 7.14, -5.77
CIE LCh	85, 9.186, 321.051
Yxy	65.8116, 0.3120, 0.3126
Android (android.graphics.Color)	4292727007 (0xFFDDD0DF)
YUV	213.5970, 4.6357, 6.4924
Hunter-Lab	81.1243, 2.5614, -0.9744

Details

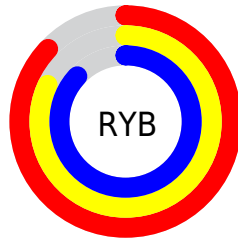
The Yxy color **65.8116, 0.3120, 0.3126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0192, 0.3133, 0.3458**, and the grayscale version is **66.9260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0453, 0.3117, 0.3089** is the 20% darker color. If you saturate the color by 10%, you get **55.2313, 0.3107, 0.2873**, and if you desaturate by 10%, it is **77.9343, 0.3130, 0.3368**.

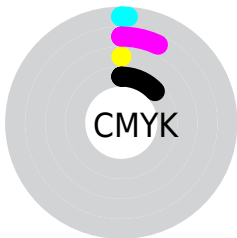
Distribution



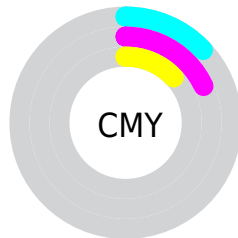
- Red (87%)
- Green (82%)
- Blue (87%)



- Red (87%)
- Yellow (82%)
- Blue (87%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8116, 0.3120, 0.3126 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 65.8116, 0.3120, 0.3126 by changing the saturation by 10% instead.

65.8116, 0.3120,
0.3126

65.8116, 0.3120,
0.3126

445.7028, 0.3124,
0.3202

48.1195, 0.3119,
0.3108

113.2159, 0.3121,
0.3153

33.9215, 0.3118,
0.3087

143.6968, 0.3122,
0.3163

22.8333, 0.3116,
0.3059

179.2095, 0.3122,
0.3172

14.4705, 0.3114,
0.3022

220.1383, 0.3123,
0.3180

8.4486, 0.3110,
0.2972

266.8677, 0.3123,
0.3186

4.3833, 0.3104,
0.2899

319.7819, 0.3123,

1.8902, 0.3093,

0.3192

0.2782

379.2655, 0.3124,
0.3198

0.5425, 0.3098,
0.2436

0.0000, 0.0000,
0.0000

65.8116, 0.3120,
0.3126

65.8116, 0.3120,
0.3126

55.2313, 0.3107,
0.2873

77.9343, 0.3130,
0.3368

46.1215, 0.3090,
0.2614

91.6506, 0.3138,
0.3596

38.4170, 0.3069,
0.2357

93.6535, 0.3155,
0.3617

32.0447, 0.3044,
0.2111

94.1498, 0.3174,
0.3616

■ 26.9247, 0.3016,
0.1887

■ 94.6546, 0.3192,
0.3614

■ 22.9684, 0.2985,
0.1695

■ 95.1678, 0.3211,
0.3612

■ 20.0758, 0.2951,
0.1543

■ 95.6896, 0.3230,
0.3610

■ 18.1297, 0.2916,
0.1435

■ 96.2200, 0.3250,
0.3608

■ 16.9805, 0.2882,
0.1371

■ 96.7589, 0.3269,
0.3606

Harmonies

Analogous

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



65.8116, 0.3010, 0.3096



65.8116, 0.3120, 0.3126



65.8116, 0.3234, 0.3198

Triad

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



65.8116, 0.3120, 0.3126



65.8116, 0.3325, 0.3464



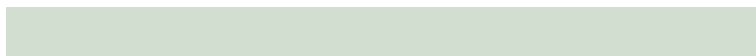
65.8116, 0.2938, 0.3282

Complementary

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



65.8116, 0.3120, 0.3126



71.0192, 0.3133, 0.3458

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.



65.8116, 0.3020, 0.3385



65.8116, 0.3120, 0.3126



65.8116, 0.3243, 0.3491

Square

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



65.8116, 0.3120, 0.3126



65.8116, 0.3353, 0.3391



65.8116, 0.3131, 0.3462



65.8116, 0.2906, 0.3183

Rectangle

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



65.8116, 0.3120, 0.3126



65.8116, 0.3296, 0.3261



65.8116, 0.3131, 0.3462



65.8116, 0.2961, 0.3317

Sweetspot

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



65.8144, 0.3120, 0.3126



96.6602, 0.3125, 0.3241



64.9601, 0.3025, 0.3147



20.7242, 0.3125, 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.



65.8144, 0.3120, 0.3126



87.1551, 0.3118, 0.3092



65.8516, 0.3171, 0.3183



13.8380, 0.3117, 0.3058



9.8531, 0.2876, 0.1358



0.7090, 0.2930, 0.1388

Inverse Universe

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



65.4571, 0.3226, 0.3268



86.5812, 0.3248, 0.3264



70.9900, 0.3085, 0.3399



13.7302, 0.3271, 0.3259



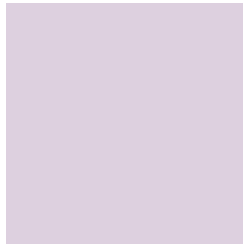
9.2881, 0.6221, 0.3201



0.6535, 0.5868, 0.3006

Previews

White Background



This preview shows how the Yxy color 65.8116, 0.3120, 0.3126 looks on a white background.

Color Contrast Check

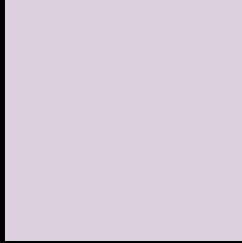
Large Text (above 18pt) WCAG AA × Fail

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 65.8116, 0.3120, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

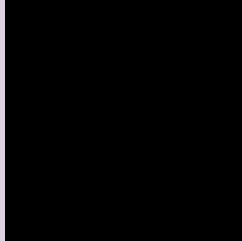
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

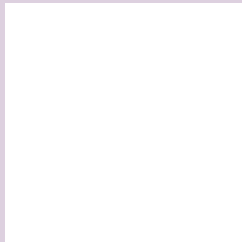
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8116, 0.3120, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 65.8116, 0.3120, 0.3126.

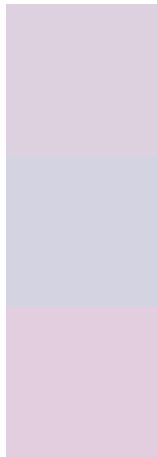


This preview shows how white text looks on a background with the Yxy color 65.8116, 0.3120, 0.3126.

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

65.8116, 0.3120, 0.3126

Protanopia

66.0218, 0.3040, 0.3134

Deuteranopia

65.8012, 0.3166, 0.3106



Tritanopia

65.8657, 0.3113, 0.3115

Trichromacy



Original Color

65.8116, 0.3120, 0.3126

Protanomaly

65.9221, 0.3068, 0.3135

Deuteranomaly

65.9609, 0.3150, 0.3116

Tritanomaly

65.8657, 0.3113, 0.3115

Monochromacy



Original Color

65.8116, 0.3120, 0.3126

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8484, 0.3130, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8116, 0.3120, 0.3126 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(221, 208, 223)` looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 223)  
}
```

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(221, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 223) }
```

Border

The CSS property to change the border of an element to Yxy 65.8116, 0.3120, 0.3126 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(221, 208, 223) }
```

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

```
.border{ border-color:rgb(221, 208, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 208, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(221, 208,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8116, 0.3120, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 223) }
```

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

```
.background{ background-color: rgb(221,  
208, 223) }
```

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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