

Converting Colors

Yxy(65.8271, 0.3202, 0.3099)

Have a look what the booklet for
Yxy(65.8271, 0.3202, 0.3099)
contains.

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Color

Yxy(65.9255, 0.3204, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	E7CDDE
RGB	231, 205, 222
RGB Percent	91%, 80%, 87%
CMY	0.0942, 0.1960, 0.1295
CMYK	0.00, 0.11, 0.04, 0.09
HSL	321°, 35%, 85%
HSV	321°, 11%, 91%
XYZ	67.9618, 65.9255, 78.2282
YIQ	214.7120, 10.0390, 10.7990

Conversions

Conversions Part 2

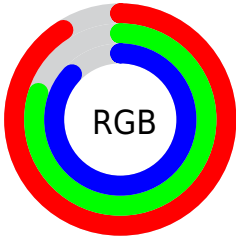
Format	Color
R _Y B	231, 205, 222
Decimal	15191518
CIE Lab	84.96, 11.94, -5.06
CIE LCh	85, 12.971, 337.028
Yxy	65.9255, 0.3204, 0.3108
Android (android.graphics.Color)	4293381598 (0xFFE7CDDE)
YUV	214.7120, 3.5930, 14.2846
Hunter-Lab	81.1945, 7.3185, -0.2878

Details

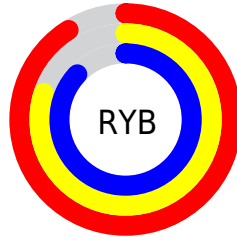
The Yxy color $65.9255, 0.3204, 0.3108$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74.9765, 0.3058, 0.3479$, and the grayscale version is $67.7195, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.0372, 0.3218, 0.3066$ is the 20% darker color. If you saturate the color by 10%, you get $55.2609, 0.3286, 0.2939$, and if you desaturate by 10%, it is $78.2475, 0.3135, 0.3271$.

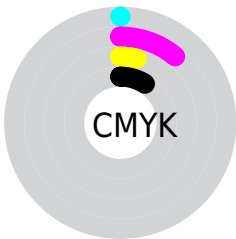
Distribution



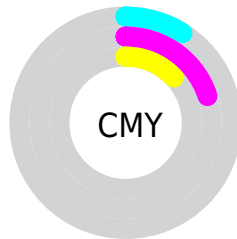
- Red (91%)
- Green (80%)
- Blue (87%)



- Red (91%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (9%)





- Cyan (9%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9255, 0.3204, 0.3108 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 65.9255, 0.3204, 0.3108 by changing the saturation by 10% instead.

 65.9255, 0.3204,
0.3108

 65.9255, 0.3204,
0.3108


446.1104, 0.3168,
0.3193

 48.2119, 0.3212,
0.3089


113.3794, 0.3192,
0.3137

 33.9947, 0.3222,
0.3065


143.8885, 0.3187,
0.3149

 22.8896, 0.3235,
0.3034


179.4316, 0.3183,
0.3159

 14.5120, 0.3252,
0.2994

220.3931, 0.3179,
0.3167

 8.4776, 0.3275,
0.2939

267.1573, 0.3176,
0.3175

 4.4021, 0.3308,
0.2860

320.1086, 0.3173,

 1.9009, 0.3360,

0.3181

0.2734

379.6315, 0.3171,
0.3187

0.5489, 0.3515,
0.2372

0.0000, 0.0000,
0.0000

65.9255, 0.3204,
0.3108

65.9255, 0.3204,
0.3108

55.2609, 0.3286,
0.2939

78.2475, 0.3135,
0.3271

46.1737, 0.3382,
0.2766

92.2853, 0.3077,
0.3424

38.5898, 0.3493,
0.2597

95.1595, 0.3031,
0.3380

32.4262, 0.3619,
0.2440

95.6623, 0.2987,
0.3299

■ 27.5915, 0.3758,
0.2304

■ 95.7250, 0.2981,
0.3290

■ 23.9837, 0.3907,
0.2202

■ 21.4857, 0.4061,
0.2144

■ 19.9575, 0.4215,
0.2137

■ 19.2142, 0.4347,
0.2168

Harmonies

Analogous

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



65.9255, 0.3040, 0.3033



65.9255, 0.3204, 0.3108



65.9255, 0.3350, 0.3229

Triad

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



65.9255, 0.3204, 0.3108



65.9255, 0.3352, 0.3565



65.9255, 0.2828, 0.3199

Complementary

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



65.9255, 0.3204, 0.3108



74.9765, 0.3058, 0.3479

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.



65.9255, 0.2907, 0.3347



65.9255, 0.3204, 0.3108



65.9255, 0.3208, 0.3564

Square

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



65.9255, 0.3204, 0.3108



65.9255, 0.3436, 0.3492



65.9255, 0.3046, 0.3483



65.9255, 0.2827, 0.3080

Rectangle

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



65.9255, 0.3204, 0.3108



65.9255, 0.3416, 0.3322



65.9255, 0.3046, 0.3483



65.9255, 0.2847, 0.3247

Sweetspot

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



65.9284, 0.3204, 0.3108



95.0460, 0.3146, 0.3242



63.6859, 0.3013, 0.3003



20.0674, 0.3152, 0.3229



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.



65.9284, 0.3204, 0.3108



79.9241, 0.3218, 0.3077



65.2766, 0.3296, 0.3243



14.5258, 0.3191, 0.3138



10.7985, 0.4324, 0.2155



0.8153, 0.4119, 0.2043

Inverse Universe

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



65.9284, 0.3204, 0.3108



79.9241, 0.3218, 0.3077



75.6470, 0.2981, 0.3337



14.5258, 0.3191, 0.3138



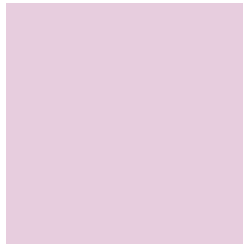
10.7985, 0.4324, 0.2155



0.8153, 0.4119, 0.2043

Previews

White Background



This preview shows how the Yxy color 65.9255, 0.3204, 0.3108 looks on a white background.

Color Contrast Check

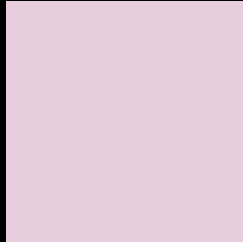
Large Text (above 18pt) WCAG AA × Fail

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 65.9255, 0.3204, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

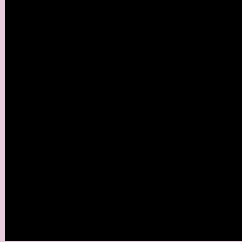
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9255, 0.3204, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 65.9255, 0.3204, 0.3108.



This preview shows how white text looks on a background with the Yxy color 65.9255, 0.3204, 0.3108.

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

65.9255, 0.3204, 0.3108

Protanopia

66.0766, 0.3033, 0.3123

Deuteranopia

66.0746, 0.3188, 0.3118



Tritanopia

65.8720, 0.3211, 0.3118

Trichromacy



Original Color

65.9255, 0.3204, 0.3108

Protanomaly

66.0972, 0.3091, 0.3114

Deuteranomaly

66.2395, 0.3196, 0.3118

Tritanomaly

65.8720, 0.3211, 0.3118

Monochromacy



Original Color

65.9255, 0.3204, 0.3108

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.0226, 0.3153, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9255, 0.3204, 0.3108 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(231, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(231, 205, 222)  
}
```

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(231, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 205, 222) }
```

Border

The CSS property to change the border of an element to Yxy 65.9255, 0.3204, 0.3108 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(231, 205, 222) }
```

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

```
.border{ border-color:rgb(231, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 205, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 205, 222);  
box-shadow:4px 4px 4px 4px rgb(231, 205,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9255, 0.3204, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 205, 222) }
```

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

```
.background{ background-color: rgb(231,  
205, 222) }
```

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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