

Converting Colors

Yxy(66.1424, 0.3157, 0.3132)

Have a look what the booklet for
Yxy(66.1424, 0.3157, 0.3132)
contains.

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Color

Yxy(65.9071, 0.3157, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	E1CFDE
RGB	225, 207, 222
RGB Percent	88%, 81%, 87%
CMY	0.1178, 0.1882, 0.1294
CMYK	0.00, 0.08, 0.01, 0.12
HSL	310°, 23%, 85%
HSV	310°, 8%, 88%
XYZ	66.5394, 65.9071, 78.3213
YIQ	214.0920, 5.9130, 8.4810

Conversions

Conversions Part 2

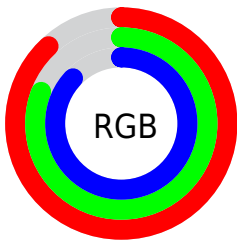
Format	Color
R _Y B	225, 207, 222
Decimal	14798814
CIE Lab	84.95, 8.84, -5.15
CIE LCh	85, 10.232, 329.783
Yxy	65.9071, 0.3157, 0.3127
Android (android.graphics.Color)	4292988894 (0xFFE1CFDE)
YUV	214.0920, 3.8986, 9.5663
Hunter-Lab	81.1832, 4.2317, -0.3717

Details

The Yxy color `65.9071, 0.3157, 0.3127` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `71.7491, 0.3099, 0.3459`, and the grayscale version is `67.2792, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `34.1185, 0.3166, 0.3091` is the 20% darker color. If you saturate the color by 10%, you get `55.5770, 0.3199, 0.2916`, and if you desaturate by 10%, it is `77.8003, 0.3120, 0.3330`.

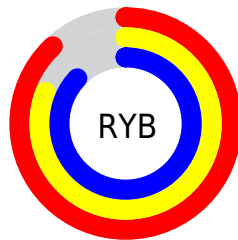
Distribution



Red (88%)

Green (81%)

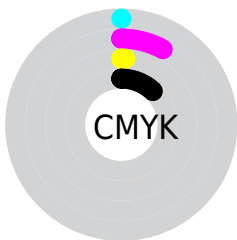
Blue (87%)



Red (88%)

Yellow (81%)

Blue (87%)

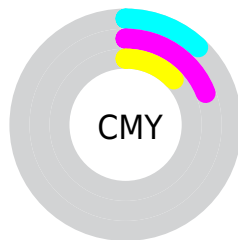


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9071, 0.3157, 0.3127 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 65.9071, 0.3157, 0.3127 by changing the saturation by 10% instead.

65.9071, 0.3157,
0.3127

65.9071, 0.3157,
0.3127

446.0446, 0.3143,
0.3203

48.1970, 0.3160,
0.3110

113.3530, 0.3152,
0.3153

33.9829, 0.3164,
0.3088

143.8576, 0.3151,
0.3164

22.8805, 0.3169,
0.3060

179.3957, 0.3149,
0.3172

14.5053, 0.3175,
0.3024

220.3519, 0.3148,
0.3180

8.4729, 0.3183,
0.2975

267.1105, 0.3146,
0.3187

4.3990, 0.3194,
0.2902

320.0559, 0.3145,

1.8992, 0.3212,

0.3193

0.2787

379.5724, 0.3144,
0.3198

0.5479, 0.3287,
0.2445

0.0000, 0.0000,
0.0000

65.9071, 0.3157,
0.3127

65.9071, 0.3157,
0.3127

55.5770, 0.3199,
0.2916

77.8003, 0.3120,
0.3330

46.7360, 0.3248,
0.2702

91.3096, 0.3088,
0.3523

39.3171, 0.3301,
0.2492

93.4119, 0.3066,
0.3514

33.2446, 0.3360,
0.2294

93.6264, 0.3046,
0.3475

■ 28.4360, 0.3422,
0.2119

■ 93.8454, 0.3025,
0.3436

■ 24.7993, 0.3486,
0.1976

■ 94.0689, 0.3005,
0.3398

■ 22.2306, 0.3550,
0.1873

■ 94.2969, 0.2984,
0.3360

■ 20.6072, 0.3612,
0.1816

■ 94.5295, 0.2964,
0.3323

■ 19.7571, 0.3671,
0.1803

■ 94.7412, 0.2946,
0.3289

Harmonies

Analogous

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



65.9071, 0.3030, 0.3079



65.9071, 0.3157, 0.3127



65.9071, 0.3278, 0.3217

Triad

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



65.9071, 0.3157, 0.3127



65.9071, 0.3326, 0.3498



65.9071, 0.2900, 0.3246

Complementary

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



65.9071, 0.3157, 0.3127



71.7491, 0.3099, 0.3459

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.



65.9071, 0.2977, 0.3364



65.9071, 0.3157, 0.3127



65.9071, 0.3222, 0.3511

Square

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



65.9071, 0.3157, 0.3127



65.9071, 0.3377, 0.3430



65.9071, 0.3094, 0.3462



65.9071, 0.2884, 0.3144

Rectangle

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



65.9071, 0.3157, 0.3127



65.9071, 0.3339, 0.3289



65.9071, 0.3094, 0.3462



65.9071, 0.2920, 0.3285

Sweetspot

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



65.9100, 0.3157, 0.3127



96.7350, 0.3134, 0.3249



63.7280, 0.3024, 0.3088



20.7395, 0.3134, 0.3251



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.



65.9100, 0.3157, 0.3127



84.5278, 0.3165, 0.3083



65.4552, 0.3219, 0.3221



13.8948, 0.3163, 0.3096



11.3286, 0.3674, 0.1798



0.7957, 0.3590, 0.1751

Inverse Universe

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



65.9100, 0.3157, 0.3127



84.5278, 0.3165, 0.3083



72.1947, 0.3043, 0.3360



13.8948, 0.3163, 0.3096



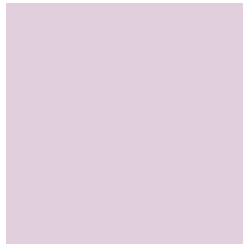
11.3286, 0.3674, 0.1798



0.7957, 0.3590, 0.1751

Previews

White Background



This preview shows how the Yxy color 65.9071, 0.3157, 0.3127 looks on a white background.

Color Contrast Check

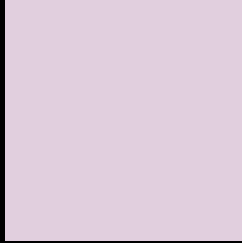
Large Text (above 18pt) WCAG AA × Fail

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 65.9071, 0.3157, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

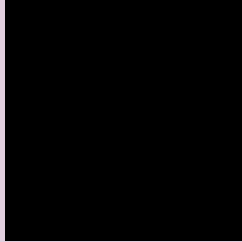
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

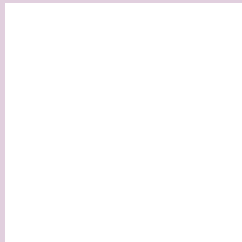
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9071, 0.3157, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 65.9071, 0.3157, 0.3127.

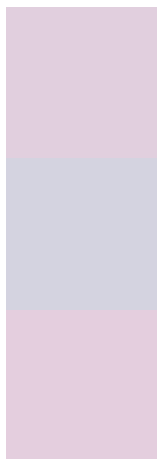


This preview shows how white text looks on a background with the Yxy color 65.9071, 0.3157, 0.3127.

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

65.9071, 0.3157, 0.3127

Protanopia

65.9674, 0.3046, 0.3145

Deuteranopia

65.9105, 0.3181, 0.3117



Tritanopia

65.9609, 0.3150, 0.3116

Trichromacy



Original Color

65.9071, 0.3157, 0.3127

Protanomaly

66.1726, 0.3090, 0.3146

Deuteranomaly

65.7474, 0.3173, 0.3117

Tritanomaly

65.9609, 0.3150, 0.3116

Monochromacy



Original Color

65.9071, 0.3157, 0.3127

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.5037, 0.3138, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9071, 0.3157, 0.3127 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(225, 207, 222)` looks like.

```
.text, #text, p{  
    color:rgb(225, 207, 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(225, 207, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 207, 222) }
```

Border

The CSS property to change the border of an element to Yxy 65.9071, 0.3157, 0.3127 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(225, 207, 222) }
```

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

```
.border{ border-color:rgb(225, 207, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 207, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 207, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 207, 222); box-shadow:4px 4px 4px 4px rgb(225, 207, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9071, 0.3157, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 207, 222) }
```

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

```
.background{ background-color: rgb(225,  
207, 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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