

Converting Colors

Yxy(66.7648, 0.3135, 0.3120)

Have a look what the booklet for
Yxy(66.7648, 0.3135, 0.3120)
contains.

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Color

Yxy(66.8300, 0.3135, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	E0D1E0
RGB	224, 209, 224
RGB Percent	88%, 82%, 88%
CMY	0.1215, 0.1804, 0.1216
CMYK	0.00, 0.07, 0.00, 0.12
HSL	300°, 20%, 85%
HSV	300°, 7%, 88%
XYZ	67.0010, 66.8300, 79.8882
YIQ	215.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

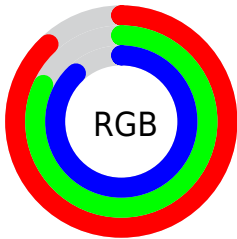
Format	Color
R_{YB}	224, 209, 224
Decimal	14733792
CIE Lab	85.42, 7.84, -5.53
CIE LCh	85, 9.596, 324.826
Yxy	66.8300, 0.3135, 0.3127
Android (android.graphics.Color)	4292923872 (0xFFE0D1E0)
YUV	215.1950, 4.3409, 7.7220
Hunter-Lab	81.7496, 3.2346, -0.7153

Details

The Yxy color **66.8300, 0.3135, 0.3127** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4848, 0.3119, 0.3459**, and the grayscale version is **68.0656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7423, 0.3136, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **56.6001, 0.3147, 0.2878**, and if you desaturate by 10%, it is **78.6113, 0.3123, 0.3368**.

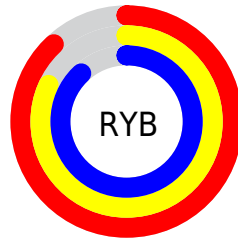
Distribution



Red (88%)

Green (82%)

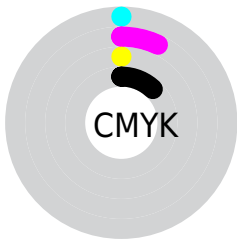
Blue (88%)



Red (88%)

Yellow (82%)

Blue (88%)

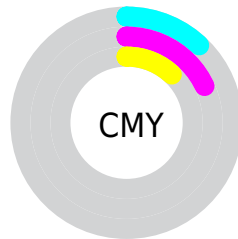


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.8300, 0.3135, 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 66.8300, 0.3135, 0.3127 by changing the saturation by 10% instead.

 66.8300, 0.3135,
0.3127

 66.8300, 0.3135,
0.3127

449.3394, 0.3132,
0.3203

 48.9465, 0.3136,
0.3110

114.6768, 0.3134,
0.3153

 34.5770, 0.3136,
0.3088


145.4088, 0.3134,
0.3164

 23.3372, 0.3137,
0.3061


181.1925, 0.3133,
0.3172

 14.8427, 0.3138,
0.3025

222.4123, 0.3133,
0.3180

 8.7091, 0.3139,
0.2976

269.4524, 0.3133,
0.3187

 4.5519, 0.3141,
0.2904

322.6974, 0.3132,

 1.9868, 0.3141,

0.3193

0.2791

382.5316, 0.3132,
0.3198

0.5998, 0.3169,
0.2496

0.0000, 0.0000,
0.0000

66.8300, 0.3135,
0.3127

66.8300, 0.3135,
0.3127

56.6001, 0.3147,
0.2878

78.6113, 0.3123,
0.3368

47.8488, 0.3159,
0.2629

91.9958, 0.3112,
0.3597

40.5104, 0.3171,
0.2386

92.7596, 0.3112,
0.3609

34.5108, 0.3182,
0.2161

92.7617, 0.3111,
0.3608

■ 29.7693, 0.3192,
0.1961

■ 92.7638, 0.3111,
0.3608

■ 26.1963, 0.3200,
0.1797

■ 92.7659, 0.3111,
0.3608

■ 23.6906, 0.3206,
0.1673

■ 92.7680, 0.3111,
0.3607

■ 22.1338, 0.3211,
0.1593

■ 92.7701, 0.3111,
0.3607

■ 21.3745, 0.3213,
0.1552

■ 92.7722, 0.3110,
0.3606

Harmonies

Analogous

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



66.8300, 0.3018, 0.3090



66.8300, 0.3135, 0.3127



66.8300, 0.3251, 0.3206

Triad

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



66.8300, 0.3135, 0.3127



66.8300, 0.3324, 0.3477



66.8300, 0.2924, 0.3267

Complementary

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



66.8300, 0.3135, 0.3127



71.4848, 0.3119, 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.



66.8300, 0.3003, 0.3376



66.8300, 0.3135, 0.3127



66.8300, 0.3234, 0.3498

Square

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



66.8300, 0.3135, 0.3127



66.8300, 0.3362, 0.3406



66.8300, 0.3116, 0.3461



66.8300, 0.2898, 0.3168

Rectangle

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



66.8300, 0.3135, 0.3127



66.8300, 0.3313, 0.3272



66.8300, 0.3116, 0.3461



66.8300, 0.2945, 0.3304

Sweetspot

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



66.8329, 0.3135, 0.3127



96.7885, 0.3129, 0.3242



64.5377, 0.3025, 0.3121



20.7504, 0.3129, 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.



66.8329, 0.3135, 0.3127



87.6656, 0.3137, 0.3094



66.4354, 0.3187, 0.3208



13.9352, 0.3138, 0.3059



12.3449, 0.3213, 0.1544



0.8558, 0.3213, 0.1544

Inverse Universe

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



66.8329, 0.3135, 0.3127



87.6656, 0.3137, 0.3094



71.8646, 0.3071, 0.3374



13.9352, 0.3138, 0.3059



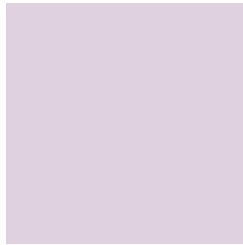
12.3449, 0.3213, 0.1544



0.8558, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 66.8300, 0.3135, 0.3127 looks on a white background.

Color Contrast Check

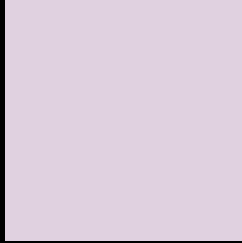
Large Text (above 18pt) WCAG AA × Fail

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 66.8300, 0.3135, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

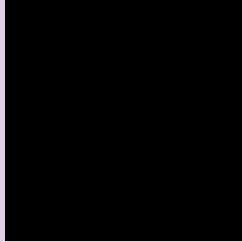
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

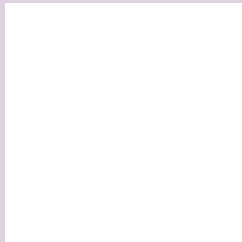
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8300, 0.3135, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 66.8300, 0.3135, 0.3127.

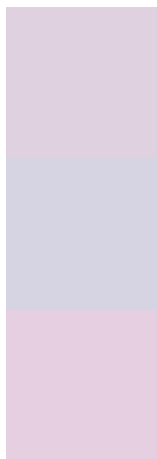


This preview shows how white text looks on a background with the Yxy color 66.8300, 0.3135, 0.3127.

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

66.8300, 0.3135, 0.3127

Protanopia

66.8741, 0.3047, 0.3135

Deuteranopia

66.6655, 0.3173, 0.3107



Tritanopia

66.8845, 0.3128, 0.3116

Trichromacy



Original Color

66.8300, 0.3135, 0.3127

Protanomaly

66.9302, 0.3083, 0.3136

Deuteranomaly

66.8245, 0.3158, 0.3117

Tritanomaly

66.8845, 0.3128, 0.3116

Monochromacy



Original Color

66.8300, 0.3135, 0.3127

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5559, 0.3130, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8300, 0.3135, 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(224, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 209, 224) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 66.8300, 0.3135, 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(224, 209, 224) }
```

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

```
.border{ border-color:rgb(224, 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(224, 209, 224) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 66.8300, 0.3135, 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(224, 209, 224) }
```

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

```
.background{ background-color: rgb(224,  
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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