

Converting Colors

$Yxy(66.1878, 0.3137, 0.3152)$

Have a look what the booklet for
Yxy(66.1878, 0.3137, 0.3152)
contains.

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Color

Yxy(66.3510, 0.3141, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	DED1DD
RGB	222, 209, 221
RGB Percent	87%, 82%, 87%
CMY	0.1294, 0.1804, 0.1335
CMYK	0.00, 0.06, 0.00, 0.13
HSL	305°, 16%, 85%
HSV	305°, 6%, 87%
XYZ	65.9729, 66.3510, 77.7141
YIQ	214.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

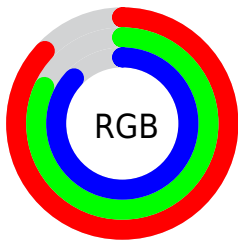
Format	Color
R _Y B	222, 209, 221
Decimal	14602717
CIE Lab	85.18, 6.60, -4.30
CIE LCh	85, 7.877, 326.957
Yxy	66.3510, 0.3141, 0.3159
Android (android.graphics.Color)	4292792797 (0xFFDED1DD)
YUV	214.2550, 3.3253, 6.7924
Hunter-Lab	81.4561, 2.0225, 0.4530

Details

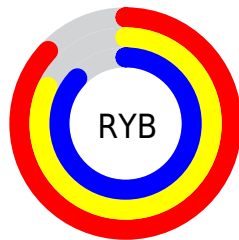
The Yxy color **66.3510, 0.3141, 0.3159** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4563, 0.3114, 0.3425**, and the grayscale version is **67.4019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4114, 0.3144, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **56.1144, 0.3167, 0.2929**, and if you desaturate by 10%, it is **78.1122, 0.3118, 0.3381**.

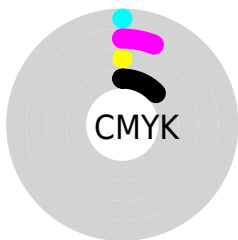
Distribution



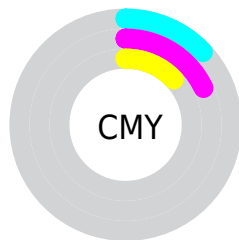
- Red (87%)
- Green (82%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3510, 0.3141, 0.3159 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 66.3510, 0.3141, 0.3159 by changing the saturation by 10% instead.

■ 66.3510, 0.3141,
0.3159

■ 66.3510, 0.3141,
0.3159

447.6311, 0.3135,
0.3220

■ 48.5574, 0.3142,
0.3145

113.9900, 0.3139,
0.3180

■ 34.2685, 0.3144,
0.3127

144.6041, 0.3138,
0.3189

■ 23.0999, 0.3146,
0.3105

180.2606, 0.3137,
0.3196

■ 14.6673, 0.3149,
0.3076

221.3437, 0.3137,
0.3202

■ 8.5862, 0.3152,
0.3036

268.2379, 0.3136,
0.3207

■ 4.4723, 0.3157,
0.2977

321.3277, 0.3136,

■ 1.9411, 0.3164,

0.3212

0.2883

380.9973, 0.3135,
0.3216

0.5729, 0.3204,
0.2601

0.0000, 0.0000,
0.0000

66.3510, 0.3141,
0.3159

66.3510, 0.3141,
0.3159

56.1144, 0.3167,
0.2929

78.1122, 0.3118,
0.3381

47.3314, 0.3195,
0.2696

91.4483, 0.3098,
0.3590

39.9382, 0.3226,
0.2468

92.5561, 0.3087,
0.3587

33.8628, 0.3258,
0.2252

92.6538, 0.3077,
0.3568

■ 29.0269, 0.3291,
0.2059

■ 92.7524, 0.3067,
0.3550

■ 25.3438, 0.3324,
0.1899

■ 92.8521, 0.3057,
0.3531

■ 22.7155, 0.3356,
0.1778

■ 92.9528, 0.3047,
0.3513

■ 21.0282, 0.3385,
0.1700

■ 93.0545, 0.3037,
0.3494

■ 20.1409, 0.3412,
0.1666

■ 93.1573, 0.3028,
0.3476

Harmonies

Analogous

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



66.3510, 0.3044, 0.3125



66.3510, 0.3141, 0.3159



66.3510, 0.3235, 0.3226

Triad

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



66.3510, 0.3141, 0.3159



66.3510, 0.3285, 0.3447



66.3510, 0.2956, 0.3265

Complementary

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



66.3510, 0.3141, 0.3159



70.4563, 0.3114, 0.3425

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.



66.3510, 0.3019, 0.3355



66.3510, 0.3141, 0.3159



66.3510, 0.3209, 0.3460

Square

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



66.3510, 0.3141, 0.3159



66.3510, 0.3320, 0.3391



66.3510, 0.3111, 0.3427



66.3510, 0.2939, 0.3185

Rectangle

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



66.3510, 0.3141, 0.3159



66.3510, 0.3284, 0.3282



66.3510, 0.3111, 0.3427



66.3510, 0.2973, 0.3295

Sweetspot

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



66.3539, 0.3141, 0.3159



96.7630, 0.3132, 0.3245



64.5622, 0.3045, 0.3144



20.7452, 0.3132, 0.3248



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.



66.3539, 0.3141, 0.3159



89.0441, 0.3144, 0.3132



66.0228, 0.3185, 0.3228



14.3614, 0.3145, 0.3120



11.8309, 0.3419, 0.1657



0.8257, 0.3383, 0.1637

Inverse Universe

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



66.3539, 0.3141, 0.3159



89.0441, 0.3144, 0.3132



70.7782, 0.3073, 0.3353



14.3614, 0.3145, 0.3120



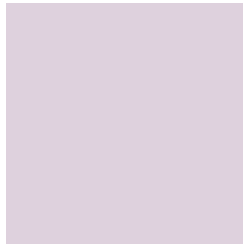
11.8309, 0.3419, 0.1657



0.8257, 0.3383, 0.1637

Previews

White Background



This preview shows how the Yxy color 66.3510, 0.3141, 0.3159 looks on a white background.

Color Contrast Check

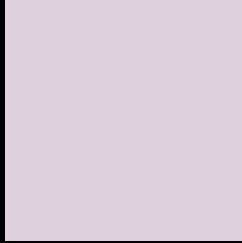
Large Text (above 18pt) WCAG AA × Fail

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 66.3510, 0.3141, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

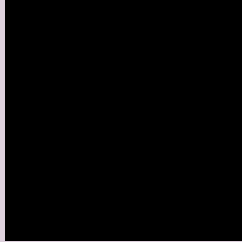
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

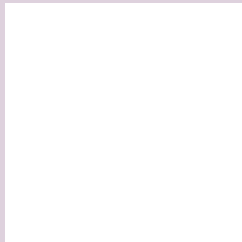
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3510, 0.3141, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 66.3510, 0.3141, 0.3159.

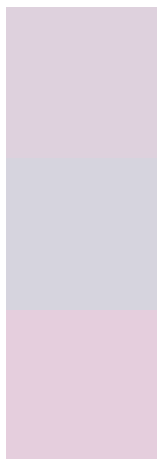


This preview shows how white text looks on a background with the Yxy color 66.3510, 0.3141, 0.3159.

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

66.3510, 0.3141, 0.3159

Protanopia

66.6570, 0.3074, 0.3179

Deuteranopia

66.0211, 0.3195, 0.3128



Tritanopia

66.2360, 0.3121, 0.3105

Trichromacy



Original Color

66.3510, 0.3141, 0.3159

Protanomaly

66.6142, 0.3096, 0.3168

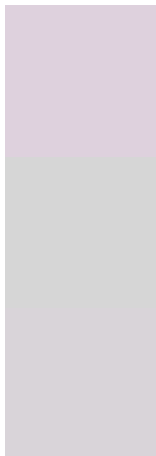
Deuteranomaly

66.0149, 0.3172, 0.3138

Tritanomaly

66.1815, 0.3128, 0.3116

Monochromacy



Original Color

66.3510, 0.3141, 0.3159

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 66.3510, 0.3141, 0.3159 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(222, 209, 221)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 221)  
}
```

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(222, 209, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 221) }
```

Border

The CSS property to change the border of an element to Yxy 66.3510, 0.3141, 0.3159 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(222, 209, 221) }
```

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

```
.border{ border-color:rgb(222, 209, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 209, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3510, 0.3141, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 221) }
```

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

```
.background{ background-color: rgb(222,  
209, 221) }
```

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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