

Converting Colors

Yxy(65.5315, 0.3139, 0.2961)

Have a look what the booklet for
Yxy(65.5315, 0.3139, 0.2961)
contains.

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Color

Yxy(65.4479, 0.3143, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	E9CAE9
RGB	233, 202, 233
RGB Percent	91%, 79%, 91%
CMY	0.0860, 0.2079, 0.0863
CMYK	0.00, 0.13, 0.00, 0.09
HSL	300°, 41%, 85%
HSV	300°, 13%, 91%
XYZ	69.4472, 65.4479, 86.0633
YIQ	214.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

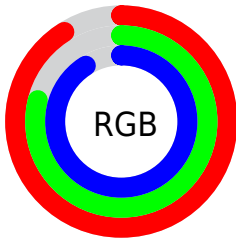
Format	Color
R _Y B	233, 202, 233
Decimal	15321833
CIE Lab	84.71, 16.23, -11.27
CIE LCh	85, 19.762, 325.213
Yxy	65.4479, 0.3143, 0.2962
Android (android.graphics.Color)	4293511913 (0xFFE9CAE9)
YUV	214.8030, 8.9711, 15.9588
Hunter-Lab	80.8999, 11.6558, -6.4443

Details

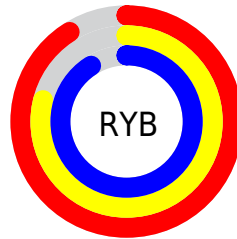
The Yxy color $65.4479, 0.3143, 0.2962$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $75.1331, 0.3110, 0.3641$, and the grayscale version is $67.7543, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.7012, 0.3146, 0.2892$ is the 20% darker color. If you saturate the color by 10%, you get $55.3259, 0.3155, 0.2711$, and if you desaturate by 10%, it is $77.2272, 0.3131, 0.3209$.

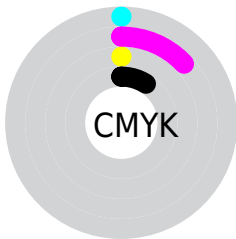
Distribution



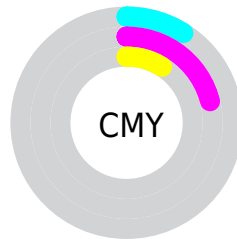
- Red (91%)
- Green (79%)
- Blue (91%)



- Red (91%)
- Yellow (79%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.4479, 0.3143, 0.2962 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 65.4479, 0.3143, 0.2962 by changing the saturation by 10% instead.


 65.4479, 0.3143,
0.2962

 65.4479, 0.3143,
0.2962


444.3998, 0.3137,
0.3113

 47.8244, 0.3144,
0.2928


112.6936, 0.3141,
0.3014

 33.6878, 0.3145,
0.2886


143.0845, 0.3141,
0.3034

 22.6539, 0.3146,
0.2833


178.4999, 0.3140,
0.3052

 14.3381, 0.3146,
0.2764

219.3244, 0.3139,
0.3067

 8.3562, 0.3146,
0.2670

265.9422, 0.3139,
0.3081

 4.3237, 0.3144,
0.2537

318.7378, 0.3138,

 1.8562, 0.3136,

0.3093

0.2332

378.0955, 0.3138,
0.3103

0.5219, 0.3159,
0.1846

0.0000, 0.0000,
0.0000

65.4479, 0.3143,
0.2962

65.4479, 0.3143,
0.2962

55.3259, 0.3155,
0.2711

77.2272, 0.3131,
0.3209

46.7787, 0.3167,
0.2465


90.7243, 0.3120,
0.3447

39.7299, 0.3179,
0.2232

94.7449, 0.3116,
0.3510

34.0930, 0.3189,
0.2023


94.7474, 0.3116,
0.3510


 29.7730, 0.3198,
0.1846


 94.7500, 0.3116,
0.3509

 26.6631, 0.3205,
0.1708


 94.7526, 0.3116,
0.3509

 24.6399, 0.3210,
0.1614

 94.7551, 0.3115,
0.3508

 23.5537, 0.3213,
0.1562

 94.7577, 0.3115,
0.3508

 23.1950, 0.3214,
0.1544

 94.7603, 0.3115,
0.3508

Harmonies

Analogous

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



65.4479, 0.2903, 0.2884



65.4479, 0.3143, 0.2962



65.4479, 0.3387, 0.3119

Triad

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



65.4479, 0.3143, 0.2962



65.4479, 0.3534, 0.3676



65.4479, 0.2709, 0.3233

Complementary

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



65.4479, 0.3143, 0.2962



75.1331, 0.3110, 0.3641

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.



65.4479, 0.2866, 0.3466



65.4479, 0.3143, 0.2962



65.4479, 0.3341, 0.3728

Square

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



65.4479, 0.3143, 0.2962



65.4479, 0.3617, 0.3524



65.4479, 0.3096, 0.3652



65.4479, 0.2660, 0.3029

Rectangle

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



65.4479, 0.3143, 0.2962



65.4479, 0.3516, 0.3252



65.4479, 0.3096, 0.3652



65.4479, 0.2750, 0.3311

Sweetspot

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



65.4507, 0.3143, 0.2962



93.6626, 0.3132, 0.3193



60.6745, 0.2914, 0.2938



19.8007, 0.3133, 0.3174



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.



65.4507, 0.3143, 0.2962



76.6694, 0.3146, 0.2893



64.6045, 0.3255, 0.3123



15.3133, 0.3138, 0.3058



13.1538, 0.3214, 0.1544



1.0331, 0.3213, 0.1544

Inverse Universe

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



65.4507, 0.3143, 0.2962



76.6694, 0.3146, 0.2893



75.9038, 0.3016, 0.3463



15.3133, 0.3138, 0.3058



13.1538, 0.3214, 0.1544



1.0331, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 65.4479, 0.3143, 0.2962 looks on a white background.

Color Contrast Check

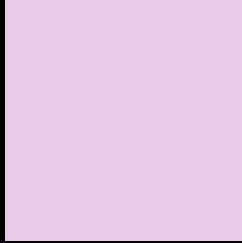
Large Text (above 18pt) WCAG AA × Fail

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 65.4479, 0.3143, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

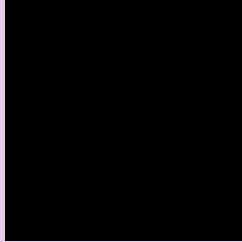
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.4479, 0.3143, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 65.4479, 0.3143, 0.2962.



This preview shows how white text looks on a background with the Yxy color 65.4479, 0.3143, 0.2962.

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

65.4479, 0.3143, 0.2962

Protanopia

65.6761, 0.2927, 0.2981

Deuteranopia

65.6568, 0.3074, 0.3009



Tritanopia

65.3420, 0.3219, 0.3118

Trichromacy



Original Color

65.4479, 0.3143, 0.2962

Protanomaly

65.4335, 0.3003, 0.2974

Deuteranomaly

65.8197, 0.3103, 0.3001

Tritanomaly

65.3039, 0.3191, 0.3055

Monochromacy



Original Color

65.4479, 0.3143, 0.2962

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.8967, 0.3133, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4479, 0.3143, 0.2962 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(233, 202, 233)` looks like.

```
.text, #text, p{  
    color:rgb(233, 202, 233)  
}
```

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(233, 202, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 202, 233) }
```

Border

The CSS property to change the border of an element to Yxy 65.4479, 0.3143, 0.2962 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(233, 202, 233) }
```

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

```
.border{ border-color:rgb(233, 202, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 202, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 202, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 202, 233);  
box-shadow:4px 4px 4px 4px rgb(233, 202,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4479, 0.3143, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 202, 233) }
```

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

```
.background{ background-color: rgb(233,  
202, 233) }
```

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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