

Converting Colors

Yxy(64.6573, 0.3153, 0.3021)

Have a look what the booklet for
Yxy(64.6573, 0.3153, 0.3021)
contains.

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Color

Yxy(64.4451, 0.3155, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	E5CAE3
RGB	229, 202, 227
RGB Percent	90%, 79%, 89%
CMY	0.1019, 0.2078, 0.1097
CMYK	0.00, 0.12, 0.01, 0.10
HSL	304°, 34%, 85%
HSV	304°, 12%, 90%
XYZ	67.3036, 64.4451, 81.5750
YIQ	212.9230, 8.0670, 13.4990

Conversions

Conversions Part 2

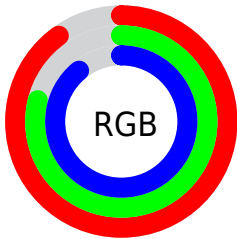
Format	Color
R_{YB}	229, 202, 227
Decimal	15059683
CIE Lab	84.20, 13.78, -8.89
CIE LCh	84, 16.398, 327.154
Yxy	64.4451, 0.3155, 0.3021
Android (android.graphics.Color)	4293249763 (0xFFE5CAE3)
YUV	212.9230, 6.9400, 14.0995
Hunter-Lab	80.2777, 9.1658, -4.0537

Details

The Yxy color **64.4451, 0.3155, 0.3021** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.9632, 0.3100, 0.3575**, and the grayscale version is **66.4372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.0426, 0.3153, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **54.3934, 0.3181, 0.2787**, and if you desaturate by 10%, it is **76.0981, 0.3131, 0.3250**.

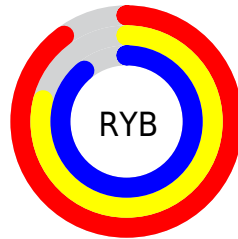
Distribution



Red (90%)

Green (79%)

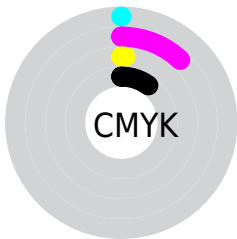
Blue (89%)



Red (90%)

Yellow (79%)

Blue (89%)

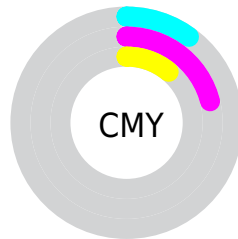


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (10%)



Cyan (10%)

Magenta (21%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4451, 0.3155, 0.3021 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 64.4451, 0.3155, 0.3021 by changing the saturation by 10% instead.

64.4451, 0.3155,
0.3021

64.4451, 0.3155,
0.3021

440.7952, 0.3143,
0.3146

47.0113, 0.3158,
0.2993

111.2517, 0.3151,
0.3064

33.0446, 0.3160,
0.2957

141.3933, 0.3149,
0.3081

22.1606, 0.3164,
0.2913

176.5395, 0.3148,
0.3096

13.9749, 0.3168,
0.2854

217.0749, 0.3147,
0.3108

8.1032, 0.3174,
0.2775

263.3838, 0.3146,
0.3119

4.1611, 0.3180,
0.2660

315.8505, 0.3145,

1.7641, 0.3187,

0.3129

0.2480

374.8595, 0.3144,
0.3138

0.4646, 0.3269,
0.1953

0.0000, 0.0000,
0.0000

64.4451, 0.3155,
0.3021

64.4451, 0.3155,
0.3021

54.3934, 0.3181,
0.2787

76.0981, 0.3131,
0.3250

45.8646, 0.3210,
0.2554

89.4096, 0.3110,
0.3469

38.7863, 0.3240,
0.2331

94.0126, 0.3097,
0.3523

33.0770, 0.3272,
0.2127

94.1095, 0.3088,
0.3505

■ 28.6468, 0.3303,
0.1951

■ 94.2073, 0.3078,
0.3488

■ 25.3957, 0.3333,
0.1813

■ 94.3061, 0.3068,
0.3470

■ 23.2082, 0.3362,
0.1718

■ 94.4058, 0.3059,
0.3453

■ 21.9461, 0.3388,
0.1666

■ 94.5064, 0.3049,
0.3435

■ 21.4170, 0.3407,
0.1651

■ 94.6080, 0.3040,
0.3418

Harmonies

Analogous

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



64.4451, 0.2953, 0.2950



64.4451, 0.3155, 0.3021



64.4451, 0.3356, 0.3158

Triad

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



64.4451, 0.3155, 0.3021



64.4451, 0.3459, 0.3619



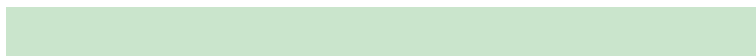
64.4451, 0.2771, 0.3232

Complementary

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



64.4451, 0.3155, 0.3021



72.9632, 0.3100, 0.3575

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.



64.4451, 0.2899, 0.3425



64.4451, 0.3155, 0.3021



64.4451, 0.3295, 0.3653

Square

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



64.4451, 0.3155, 0.3021



64.4451, 0.3534, 0.3498



64.4451, 0.3089, 0.3582



64.4451, 0.2736, 0.3064

Rectangle

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



64.4451, 0.3155, 0.3021



64.4451, 0.3459, 0.3271



64.4451, 0.3089, 0.3582



64.4451, 0.2804, 0.3296

Sweetspot

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



64.4479, 0.3155, 0.3021



93.6153, 0.3136, 0.3200



60.7075, 0.2954, 0.2983



19.7887, 0.3138, 0.3182



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.



64.4479, 0.3155, 0.3021



79.1306, 0.3161, 0.2968



63.7410, 0.3252, 0.3163



14.5958, 0.3149, 0.3075



12.2512, 0.3404, 0.1649



0.9109, 0.3372, 0.1631

Inverse Universe

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



64.4479, 0.3155, 0.3021



79.1306, 0.3161, 0.2968



73.6294, 0.3018, 0.3421



14.5958, 0.3149, 0.3075



12.2512, 0.3404, 0.1649



0.9109, 0.3372, 0.1631

Previews

White Background



This preview shows how the Yxy color 64.4451, 0.3155, 0.3021 looks on a white background.

Color Contrast Check

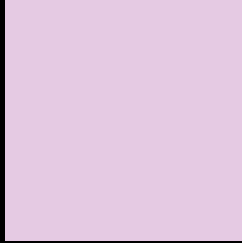
Large Text (above 18pt) WCAG AA × Fail

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 64.4451, 0.3155, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

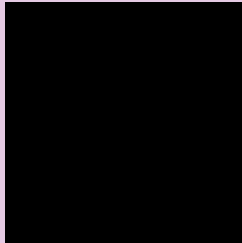
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.4451, 0.3155, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 64.4451, 0.3155, 0.3021.



This preview shows how white text looks on a background with the Yxy color 64.4451, 0.3155, 0.3021.

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

64.4451, 0.3155, 0.3021

Protanopia

64.7803, 0.2972, 0.3044

Deuteranopia

64.4198, 0.3109, 0.3039



Tritanopia

64.3203, 0.3204, 0.3116

Trichromacy



Original Color

64.4451, 0.3155, 0.3021

Protanomaly

64.4547, 0.3036, 0.3026

Deuteranomaly

64.2655, 0.3124, 0.3030

Tritanomaly

64.4798, 0.3183, 0.3084

Monochromacy



Original Color

64.4451, 0.3155, 0.3021

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7230, 0.3139, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4451, 0.3155, 0.3021 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(229, 202, 227)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 227)  
}
```

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(229, 202, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 227) }
```

Border

The CSS property to change the border of an element to Yxy 64.4451, 0.3155, 0.3021 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(229, 202, 227) }
```

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

```
.border{ border-color:rgb(229, 202, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 202, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 202, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 202, 227); box-shadow:4px 4px 4px 4px rgb(229, 202, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4451, 0.3155, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 202, 227) }
```

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

```
.background{ background-color: rgb(229,  
202, 227) }
```

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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