

Converting Colors

$Yxy(64.6708, 0.3208, 0.3065)$

Have a look what the booklet for
Yxy(64.6708, 0.3208, 0.3065)
contains.

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Color

Yxy(64.7246, 0.3207, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	E8CADF
RGB	232, 202, 223
RGB Percent	91%, 79%, 87%
CMY	0.0901, 0.2079, 0.1255
CMYK	0.00, 0.13, 0.04, 0.09
HSL	318°, 40%, 85%
HSV	318°, 13%, 91%
XYZ	67.7233, 64.7246, 78.7254
YIQ	213.3640, 11.1390, 12.8910

Conversions

Conversions Part 2

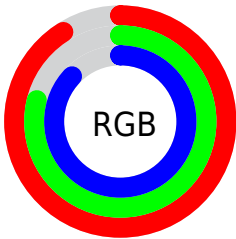
Format	Color
R _Y B	232, 202, 223
Decimal	15256287
CIE Lab	84.34, 14.08, -6.50
CIE LCh	84, 15.507, 335.201
Yxy	64.7246, 0.3207, 0.3065
Android (android.graphics.Color)	4293446367 (0xFFE8CADF)
YUV	213.3640, 4.7505, 16.3438
Hunter-Lab	80.4516, 9.4690, -1.7017

Details

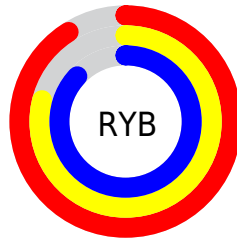
The Yxy color **64.7246, 0.3207, 0.3065** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.9900, 0.3056, 0.3526**, and the grayscale version is **66.7609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2371, 0.3222, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **54.2764, 0.3281, 0.2884**, and if you desaturate by 10%, it is **76.8309, 0.3144, 0.3240**.

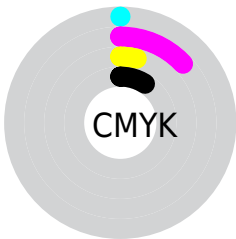
Distribution



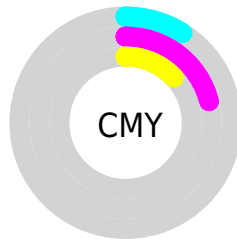
- Red (91%)
- Green (79%)
- Blue (87%)



- Red (91%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7246, 0.3207, 0.3065 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 64.7246, 0.3207, 0.3065 by changing the saturation by 10% instead.

 64.7246, 0.3207,
0.3065

 64.7246, 0.3207,
0.3065

441.8016, 0.3170,
0.3169

 47.2378, 0.3215,
0.3041


111.6538, 0.3194,
0.3101

 33.2237, 0.3226,
0.3011


141.8650, 0.3189,
0.3115

 22.2979, 0.3239,
0.2974


177.0865, 0.3185,
0.3128

 14.0759, 0.3256,
0.2925

217.7027, 0.3181,
0.3138

 8.1735, 0.3279,
0.2857

264.0978, 0.3178,
0.3147

 4.2062, 0.3312,
0.2759

316.6565, 0.3175,

 1.7895, 0.3364,

0.3156

0.2605

375.7629, 0.3173,
0.3163

0.4806, 0.3543,
0.2127

0.0000, 0.0000,
0.0000

64.7246, 0.3207,
0.3065

64.7246, 0.3207,
0.3065

54.2764, 0.3281,
0.2884

76.8309, 0.3144,
0.3240

45.4050, 0.3367,
0.2701

90.6554, 0.3091,
0.3406

38.0345, 0.3466,
0.2523

95.2086, 0.3049,
0.3400

32.0797, 0.3576,
0.2359

95.6409, 0.3010,
0.3330

■ 27.4468, 0.3696,
0.2220

■ 95.9004, 0.2988,
0.3290

■ 24.0305, 0.3823,
0.2117

■ 21.7092, 0.3952,
0.2058

■ 20.3360, 0.4079,
0.2050

■ 19.7752, 0.4167,
0.2069

Harmonies

Analogous

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



64.7246, 0.3011, 0.2979



64.7246, 0.3207, 0.3065



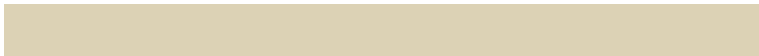
64.7246, 0.3386, 0.3207

Triad

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



64.7246, 0.3207, 0.3065



64.7246, 0.3406, 0.3618



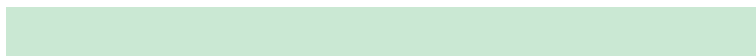
64.7246, 0.2772, 0.3189

Complementary

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



64.7246, 0.3207, 0.3065



74.9900, 0.3056, 0.3526

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.



64.7246, 0.2872, 0.3369



64.7246, 0.3207, 0.3065



64.7246, 0.3235, 0.3624

Square

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



64.7246, 0.3207, 0.3065



64.7246, 0.3502, 0.3524



64.7246, 0.3040, 0.3532



64.7246, 0.2765, 0.3044

Rectangle

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



64.7246, 0.3207, 0.3065



64.7246, 0.3469, 0.3317



64.7246, 0.3040, 0.3532



64.7246, 0.2796, 0.3248

Sweetspot

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



64.7274, 0.3207, 0.3065



93.4676, 0.3150, 0.3222



61.9177, 0.2986, 0.2956



19.7512, 0.3155, 0.3209



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.



64.7274, 0.3207, 0.3065



75.9084, 0.3229, 0.3009



63.9547, 0.3318, 0.3225



14.5374, 0.3184, 0.3127



10.9988, 0.4147, 0.2058



0.8290, 0.3977, 0.1965

Inverse Universe

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



64.7274, 0.3207, 0.3065



75.9084, 0.3229, 0.3009



75.7771, 0.2965, 0.3356



14.5374, 0.3184, 0.3127



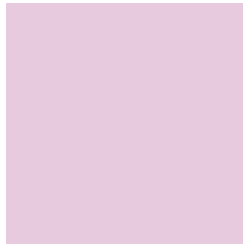
10.9988, 0.4147, 0.2058



0.8290, 0.3977, 0.1965

Previews

White Background



This preview shows how the Yxy color 64.7246, 0.3207, 0.3065 looks on a white background.

Color Contrast Check

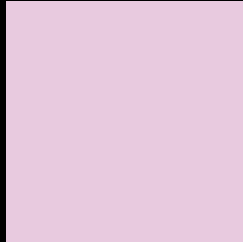
Large Text (above 18pt) WCAG AA × Fail

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 64.7246, 0.3207, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

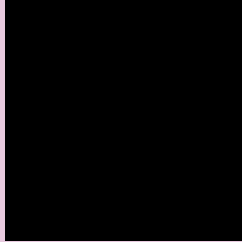
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7246, 0.3207, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 64.7246, 0.3207, 0.3065.



This preview shows how white text looks on a background with the Yxy color 64.7246, 0.3207, 0.3065.

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

64.7246, 0.3207, 0.3065

Protanopia

64.7023, 0.3005, 0.3088

Deuteranopia

64.6822, 0.3160, 0.3084



Tritanopia

64.8153, 0.3227, 0.3118

Trichromacy



Original Color

64.7246, 0.3207, 0.3065

Protanomaly

64.3853, 0.3071, 0.3069

Deuteranomaly

64.5336, 0.3175, 0.3074

Tritanomaly

64.8681, 0.3220, 0.3107

Monochromacy



Original Color

64.7246, 0.3207, 0.3065

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.8263, 0.3154, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7246, 0.3207, 0.3065 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(232, 202, 223)` looks like.

```
.text, #text, p{  
    color:rgb(232, 202, 223)  
}
```

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(232, 202, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 202, 223) }
```

Border

The CSS property to change the border of an element to Yxy 64.7246, 0.3207, 0.3065 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(232, 202, 223) }
```

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

```
.border{ border-color:rgb(232, 202, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 202, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 202, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 202, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 202,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7246, 0.3207, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 202, 223) }
```

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

```
.background{ background-color: rgb(232,  
202, 223) }
```

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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