

Converting Colors

$Y_{xy}(64.6220, 0.3268, 0.3127)$

Have a look what the booklet for
Yxy(64.6220, 0.3268, 0.3127)
contains.

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Color

Yxy(64.7432, 0.3266, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	EACAD9
RGB	234, 202, 217
RGB Percent	92%, 79%, 85%
CMY	0.0824, 0.2078, 0.1489
CMYK	0.00, 0.14, 0.07, 0.08
HSL	332°, 43%, 85%
HSV	332°, 14%, 92%
XYZ	67.5779, 64.7432, 74.5923
YIQ	213.2780, 14.2570, 11.4490

Conversions

Conversions Part 2

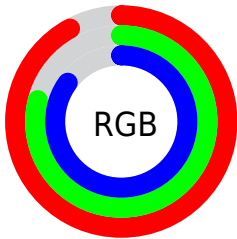
Format	Color
R_{YB}	234, 202, 217
Decimal	15387353
CIE _{Lab}	84.35, 13.72, -3.29
CIE _{LCh}	84, 14.105, 346.513
Yxy	64.7432, 0.3266, 0.3129
Android (android.graphics.Color)	4293577433 (0xFFEACAD9)
YUV	213.2780, 1.8349, 18.1732
Hunter-Lab	80.4632, 9.1048, 1.3602

Details

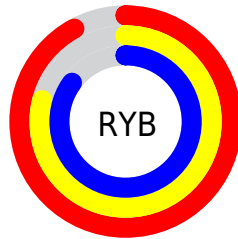
The Yxy color **64.7432, 0.3266, 0.3129** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5161, 0.3007, 0.3457**, and the grayscale version is **66.7178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2534, 0.3301, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **53.9626, 0.3393, 0.3004**, and if you desaturate by 10%, it is **77.2431, 0.3161, 0.3248**.

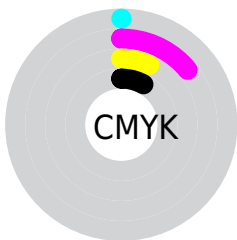
Distribution



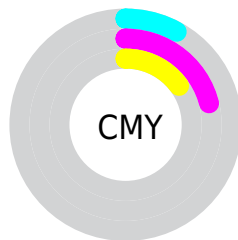
- Red (92%)
- Green (79%)
- Blue (85%)



- Red (92%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (8%)




- Cyan (8%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.7432, 0.3266, 0.3129 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 64.7432, 0.3266, 0.3129 by changing the saturation by 10% instead.


 64.7432, 0.3266,
0.3129

 64.7432, 0.3266,
0.3129

441.8686, 0.3201,
0.3204

 47.2529, 0.3281,
0.3112


111.6806, 0.3243,
0.3155

 33.2356, 0.3300,
0.3090

141.8964, 0.3234,
0.3165

 22.3070, 0.3324,
0.3063


177.1229, 0.3227,
0.3174

 14.0827, 0.3356,
0.3026

217.7444, 0.3220,
0.3182

 8.1782, 0.3400,
0.2976

264.1453, 0.3215,
0.3188

 4.2092, 0.3465,
0.2903


316.7101, 0.3209,

 1.7912, 0.3571,

0.3194

0.2786


375.8230, 0.3205,
0.3200


 0.4817, 0.3907,
0.2374


 0.0000, 0.0000,
0.0000

 64.7432, 0.3266,
0.3129


 64.7432, 0.3266,
0.3129


 53.9626, 0.3393,
0.3004


 77.2431, 0.3161,
0.3248


 44.8168, 0.3545,
0.2877

 91.5248, 0.3074,
0.3360

 37.2274, 0.3726,
0.2754

 96.1857, 0.3003,
0.3297

 31.1056, 0.3936,
0.2642

 96.2323, 0.2999,
0.3290

■ 26.3540, 0.4174,
0.2553

■ 22.8629, 0.4433,
0.2499

■ 20.5056, 0.4702,
0.2493

■ 19.1285, 0.4964,
0.2542

■ 18.6139, 0.5123,
0.2596

Harmonies

Analogous

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



64.7432, 0.3088, 0.3028



64.7432, 0.3266, 0.3129



64.7432, 0.3410, 0.3271

Triad

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



64.7432, 0.3266, 0.3129



64.7432, 0.3328, 0.3601



64.7432, 0.2791, 0.3143

Complementary

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



64.7432, 0.3266, 0.3129



76.5161, 0.3007, 0.3457

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.



64.7432, 0.2851, 0.3300



64.7432, 0.3266, 0.3129



64.7432, 0.3159, 0.3571

Square

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



64.7432, 0.3266, 0.3129



64.7432, 0.3445, 0.3543



64.7432, 0.2985, 0.3459



64.7432, 0.2817, 0.3032

Rectangle

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



64.7432, 0.3266, 0.3129



64.7432, 0.3464, 0.3373



64.7432, 0.2985, 0.3459



64.7432, 0.2802, 0.3192

Sweetspot

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



64.7461, 0.3266, 0.3129



93.3201, 0.3164, 0.3244



63.1715, 0.3028, 0.2941



19.7138, 0.3172, 0.3235



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.



64.7461, 0.3266, 0.3129



75.3574, 0.3294, 0.3100



64.2505, 0.3378, 0.3297



15.1717, 0.3219, 0.3180



10.4851, 0.5086, 0.2576



0.8426, 0.4759, 0.2395

Inverse Universe

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



64.7461, 0.3266, 0.3129



75.3574, 0.3294, 0.3100



77.0397, 0.2919, 0.3284



15.1717, 0.3219, 0.3180



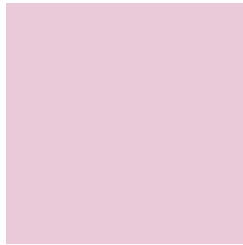
10.4851, 0.5086, 0.2576



0.8426, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 64.7432, 0.3266, 0.3129 looks on a white background.

Color Contrast Check

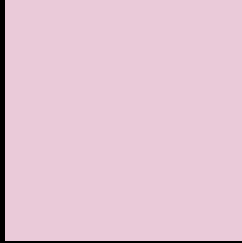
Large Text (above 18pt) WCAG AA × Fail

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 64.7432, 0.3266, 0.3129 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 64.7432, 0.3266, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 64.7432, 0.3266, 0.3129.



This preview shows how white text looks on a background with the Yxy color 64.7432, 0.3266, 0.3129.

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

64.7432, 0.3266, 0.3129

Protanopia

64.6703, 0.3060, 0.3155

Deuteranopia

64.6895, 0.3218, 0.3149



Tritanopia

64.7954, 0.3259, 0.3119

Trichromacy



Original Color

64.7432, 0.3266, 0.3129

Protanomaly

64.3700, 0.3127, 0.3135

Deuteranomaly

64.5446, 0.3234, 0.3138

Tritanomaly

64.7954, 0.3259, 0.3119

Monochromacy



Original Color

64.7432, 0.3266, 0.3129

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.8281, 0.3182, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7432, 0.3266, 0.3129 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(234, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(234, 202, 217)  
}
```

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(234, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 202, 217) }
```

Border

The CSS property to change the border of an element to Yxy 64.7432, 0.3266, 0.3129 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(234, 202, 217) }
```

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

```
.border{ border-color:rgb(234, 202, 217) }
```

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

Here you see how a box with a 4 pixel rgb(234, 202, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(234, 202,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7432, 0.3266, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 202, 217) }
```

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

```
.background{ background-color: rgb(234,  
202, 217) }
```

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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