

Converting Colors

$Yxy(63.7192, 0.3236, 0.3076)$

Have a look what the booklet for
Yxy(63.7192, 0.3236, 0.3076)
contains.

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Color

Yxy(63.7995, 0.3238, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	E9C8DC
RGB	233, 200, 220
RGB Percent	91%, 78%, 86%
CMY	0.0862, 0.2157, 0.1372
CMYK	0.00, 0.14, 0.06, 0.09
HSL	324°, 43%, 85%
HSV	324°, 14%, 91%
XYZ	67.1814, 63.7995, 76.4972
YIQ	212.1470, 13.2480, 13.2160

Conversions

Conversions Part 2

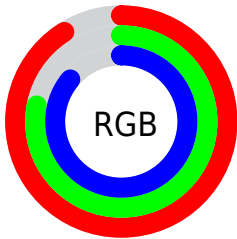
Format	Color
R_{YB}	233, 200, 220
Decimal	15321308
CIE Lab	83.86, 14.95, -5.62
CIE LCh	84, 15.975, 339.393
Yxy	63.7995, 0.3238, 0.3075
Android (android.graphics.Color)	4293511388 (0xFFE9C8DC)
YUV	212.1470, 3.8715, 18.2881
Hunter-Lab	79.8746, 10.3533, -0.8708

Details

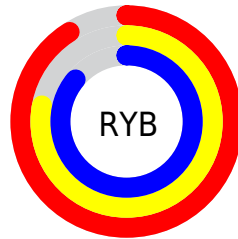
The Yxy color **63.7995, 0.3238, 0.3075** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3674, 0.3030, 0.3515**, and the grayscale version is **65.9112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6215, 0.3264, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **53.3465, 0.3334, 0.2916**, and if you desaturate by 10%, it is **75.9295, 0.3157, 0.3228**.

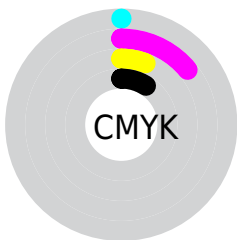
Distribution



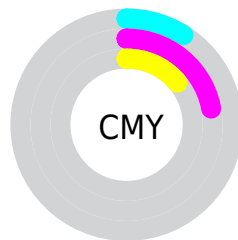
- Red (91%)
- Green (78%)
- Blue (86%)



- Red (91%)
- Yellow (78%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7995, 0.3238, 0.3075 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 63.7995, 0.3238, 0.3075 by changing the saturation by 10% instead.


 63.7995, 0.3238,
0.3075

 63.7995, 0.3238,
0.3075


438.4652, 0.3186,
0.3175

 46.4883, 0.3250,
0.3052

110.3221, 0.3220,
0.3110

 32.6313, 0.3265,
0.3023


140.3024, 0.3213,
0.3123

 21.8442, 0.3283,
0.2987

175.2744, 0.3207,
0.3135

 13.7424, 0.3308,
0.2939

215.6226, 0.3202,
0.3145

 7.9417, 0.3342,
0.2874

261.7314, 0.3197,
0.3154

 4.0577, 0.3392,
0.2778

313.9852, 0.3193,

 1.7059, 0.3471,

0.3162

0.2626

372.7683, 0.3190,
0.3169

0.4275, 0.3749,
0.2078

0.0000, 0.0000,
0.0000

63.7995, 0.3238,
0.3075

63.7995, 0.3238,
0.3075

53.3465, 0.3334,
0.2916

75.9295, 0.3157,
0.3228

44.4875, 0.3448,
0.2755

89.7981, 0.3089,
0.3373

37.1449, 0.3580,
0.2598

95.5937, 0.3035,
0.3364

31.2314, 0.3729,
0.2456

96.0656, 0.2993,
0.3290

■ 26.6506, 0.3895,
0.2338

■ 23.2942, 0.4072,
0.2257

■ 21.0366, 0.4255,
0.2224

■ 19.7248, 0.4435,
0.2243

■ 19.2581, 0.4538,
0.2273

Harmonies

Analogous

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



63.7995, 0.3034, 0.2977



63.7995, 0.3238, 0.3075



63.7995, 0.3417, 0.3227

Triad

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



63.7995, 0.3238, 0.3075



63.7995, 0.3394, 0.3637



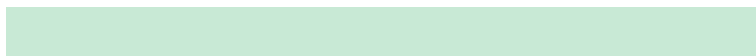
63.7995, 0.2753, 0.3161

Complementary

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



63.7995, 0.3238, 0.3075



75.3674, 0.3030, 0.3515

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.



63.7995, 0.2843, 0.3346



63.7995, 0.3238, 0.3075



63.7995, 0.3211, 0.3629

Square

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



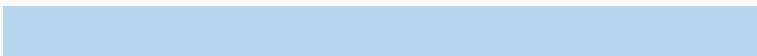
63.7995, 0.3238, 0.3075



63.7995, 0.3508, 0.3550



63.7995, 0.3009, 0.3521



63.7995, 0.2759, 0.3020

Rectangle

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



63.7995, 0.3238, 0.3075



63.7995, 0.3494, 0.3342



63.7995, 0.3009, 0.3521



63.7995, 0.2773, 0.3220

Sweetspot

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



63.8023, 0.3238, 0.3075



93.4080, 0.3156, 0.3231



61.2866, 0.2991, 0.2924



19.7361, 0.3161, 0.3219



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.



63.8023, 0.3238, 0.3075



74.3417, 0.3264, 0.3029



62.9864, 0.3360, 0.3249



15.2075, 0.3198, 0.3148



10.9513, 0.4512, 0.2259



0.8788, 0.4282, 0.2133

Inverse Universe

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



63.8023, 0.3238, 0.3075



74.3417, 0.3264, 0.3029



76.2299, 0.2934, 0.3332



15.2075, 0.3198, 0.3148



10.9513, 0.4512, 0.2259



0.8788, 0.4282, 0.2133

Previews

White Background



This preview shows how the Yxy color 63.7995, 0.3238, 0.3075 looks on a white background.

Color Contrast Check

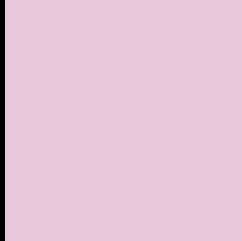
Large Text (above 18pt) WCAG AA × Fail

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 63.7995, 0.3238, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

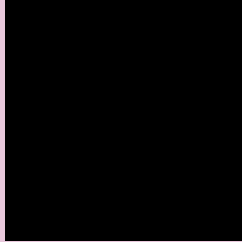
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7995, 0.3238, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 63.7995, 0.3238, 0.3075.

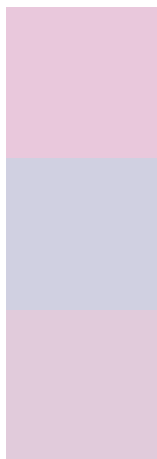


This preview shows how white text looks on a background with the Yxy color 63.7995, 0.3238, 0.3075.

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

63.7995, 0.3238, 0.3075

Protanopia

63.9579, 0.3011, 0.3098

Deuteranopia

63.8339, 0.3181, 0.3115



Tritanopia

63.8870, 0.3259, 0.3128

Trichromacy



Original Color

63.7995, 0.3238, 0.3075

Protanomaly

63.7421, 0.3091, 0.3090

Deuteranomaly

63.8495, 0.3205, 0.3105

Tritanomaly

63.9388, 0.3252, 0.3117

Monochromacy



Original Color

63.7995, 0.3238, 0.3075

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.2337, 0.3168, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7995, 0.3238, 0.3075 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, 200, 220)` looks like.

```
.text, #text, p{  
    color:rgb(233, 200, 220)  
}
```

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, 200, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 200, 220) }
```

Border

The CSS property to change the border of an element to Yxy 63.7995, 0.3238, 0.3075 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, 200, 220) }
```

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

```
.border{ border-color:rgb(233, 200, 220) }
```

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

Here you see how a box with a 4 pixel rgb(233, 200, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 200, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 200, 220);  
box-shadow:4px 4px 4px 4px rgb(233, 200,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7995, 0.3238, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 200, 220) }
```

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

```
.background{ background-color: rgb(233,  
200, 220) }
```

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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