

Converting Colors

$Yxy(63.5742, 0.3208, 0.3053)$

Have a look what the booklet for
Yxy(63.5742, 0.3208, 0.3053)
contains.

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Color

Yxy(63.5714, 0.3208, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	E7C8DE
RGB	231, 200, 222
RGB Percent	91%, 78%, 87%
CMY	0.0940, 0.2157, 0.1294
CMYK	0.00, 0.13, 0.04, 0.09
HSL	317°, 39%, 85%
HSV	317°, 13%, 91%
XYZ	66.7989, 63.5714, 77.8557
YIQ	211.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

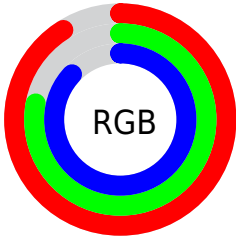
Format	Color
R _Y B	231, 200, 222
Decimal	15190238
CIE Lab	83.74, 14.62, -6.87
CIE LCh	84, 16.156, 334.817
Yxy	63.5714, 0.3208, 0.3053
Android (android.graphics.Color)	4293380318 (0xFFE7C8DE)
YUV	211.7770, 5.0399, 16.8586
Hunter-Lab	79.7317, 10.0162, -2.0828

Details

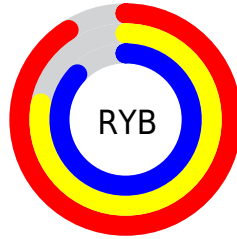
The Yxy color $63.5714, 0.3208, 0.3053$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $74.0479, 0.3055, 0.3539$, and the grayscale version is $65.6457, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.4617, 0.3223, 0.2995$ is the 20% darker color. If you saturate the color by 10%, you get $53.3165, 0.3281, 0.2869$, and if you desaturate by 10%, it is $75.4630, 0.3146, 0.3231$.

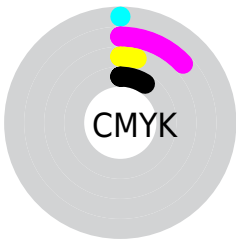
Distribution



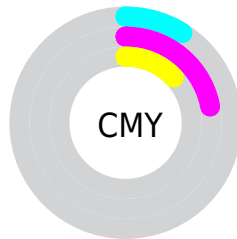
- Red (91%)
- Green (78%)
- Blue (87%)



- Red (91%)
- Yellow (78%)
- Blue (87%)



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





- Cyan (9%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5714, 0.3208, 0.3053 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 63.5714, 0.3208, 0.3053 by changing the saturation by 10% instead.


 63.5714, 0.3208,
0.3053

 63.5714, 0.3208,
0.3053

437.6402, 0.3171,
0.3163

 46.3036, 0.3216,
0.3028


109.9935, 0.3195,
0.3091

 32.4855, 0.3227,
0.2996


139.9165, 0.3190,
0.3106

 21.7326, 0.3240,
0.2956


174.8268, 0.3186,
0.3119

 13.6605, 0.3258,
0.2904

215.1087, 0.3182,
0.3130

 7.8849, 0.3281,
0.2832

261.1466, 0.3179,
0.3140

 4.0214, 0.3315,
0.2728

313.3249, 0.3176,

 1.6856, 0.3368,

0.3149

0.2563

372.0280, 0.3173,
0.3156

0.4143, 0.3580,
0.1976

0.0000, 0.0000,
0.0000

63.5714, 0.3208,
0.3053

63.5714, 0.3208,
0.3053

53.3165, 0.3281,
0.2869

75.4630, 0.3146,
0.3231

44.6175, 0.3365,
0.2684

89.0509, 0.3094,
0.3400

37.3993, 0.3460,
0.2504

94.9328, 0.3053,
0.3419

31.5770, 0.3567,
0.2339

95.3444, 0.3015,
0.3351

■ 27.0575, 0.3683,
0.2200

■ 95.7326, 0.2982,
0.3290

■ 23.7358, 0.3804,
0.2097

■ 21.4908, 0.3928,
0.2039

■ 20.1758, 0.4049,
0.2031

■ 19.6669, 0.4127,
0.2047

Harmonies

Analogous

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



63.5714, 0.3003, 0.2964



63.5714, 0.3208, 0.3053



63.5714, 0.3397, 0.3200

Triad

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



63.5714, 0.3208, 0.3053



63.5714, 0.3421, 0.3633



63.5714, 0.2756, 0.3186

Complementary

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



63.5714, 0.3208, 0.3053



74.0479, 0.3055, 0.3539

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.



63.5714, 0.2861, 0.3376



63.5714, 0.3208, 0.3053



63.5714, 0.3243, 0.3641

Square

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



63.5714, 0.3208, 0.3053



63.5714, 0.3521, 0.3532



63.5714, 0.3038, 0.3546



63.5714, 0.2747, 0.3034

Rectangle

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



63.5714, 0.3208, 0.3053



63.5714, 0.3485, 0.3316



63.5714, 0.3038, 0.3546



63.5714, 0.2781, 0.3248

Sweetspot

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



63.5742, 0.3208, 0.3053



93.4743, 0.3149, 0.3221



60.6029, 0.2976, 0.2942



19.7529, 0.3154, 0.3207



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.



63.5742, 0.3208, 0.3053



75.9336, 0.3226, 0.3005



62.7916, 0.3322, 0.3217



14.5400, 0.3182, 0.3125



11.0458, 0.4109, 0.2037



0.8322, 0.3947, 0.1948

Inverse Universe

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



63.5742, 0.3208, 0.3053



75.9336, 0.3226, 0.3005



74.8415, 0.2962, 0.3364



14.5400, 0.3182, 0.3125



11.0458, 0.4109, 0.2037



0.8322, 0.3947, 0.1948

Previews

White Background



This preview shows how the Yxy color 63.5714, 0.3208, 0.3053 looks on a white background.

Color Contrast Check

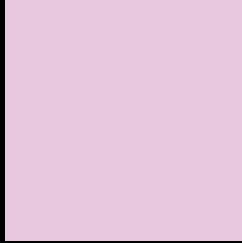
Large Text (above 18pt) WCAG AA × Fail

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 63.5714, 0.3208, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

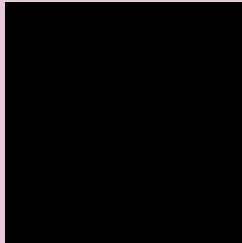
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.5714, 0.3208, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 63.5714, 0.3208, 0.3053.



This preview shows how white text looks on a background with the Yxy color 63.5714, 0.3208, 0.3053.

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

63.5714, 0.3208, 0.3053

Protanopia

63.9232, 0.2991, 0.3076

Deuteranopia

63.6203, 0.3152, 0.3092



Tritanopia

63.6060, 0.3236, 0.3117

Trichromacy



Original Color

63.5714, 0.3208, 0.3053

Protanomaly

63.6978, 0.3070, 0.3068

Deuteranomaly

63.6303, 0.3175, 0.3083

Tritanomaly

63.7108, 0.3221, 0.3095

Monochromacy



Original Color

63.5714, 0.3208, 0.3053

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1297, 0.3154, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5714, 0.3208, 0.3053 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(231, 200, 222)` looks like.

```
.text, #text, p{  
    color:rgb(231, 200, 222)  
}
```

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(231, 200, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 200, 222) }
```

Border

The CSS property to change the border of an element to Yxy 63.5714, 0.3208, 0.3053 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(231, 200, 222) }
```

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

```
.border{ border-color:rgb(231, 200, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 200, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 200, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 200, 222);  
box-shadow:4px 4px 4px 4px rgb(231, 200,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5714, 0.3208, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 200, 222) }
```

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

```
.background{ background-color: rgb(231,  
200, 222) }
```

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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