

Converting Colors

$Yxy(65.7131, 0.3229, 0.3054)$

Have a look what the booklet for
Yxy(65.7131, 0.3229, 0.3054)
contains.

Yxy(65.5102, 0.3223, 0.3046)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.5102, 0.3223, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	ECCA E1
RGB	236, 202, 225
RGB Percent	93%, 79%, 88%
CMY	0.0743, 0.2079, 0.1175
CMYK	0.00, 0.14, 0.05, 0.07
HSL	319°, 47%, 86%
HSV	319°, 14%, 93%
XYZ	69.3169, 65.5102, 80.2425
YIQ	214.7880, 12.8810, 14.3610

Conversions

Conversions Part 2

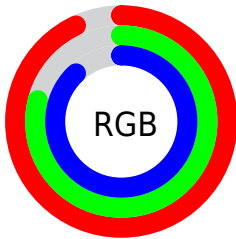
Format	Color
R _Y B	236, 202, 225
Decimal	15518433
CIE Lab	84.75, 15.81, -6.95
CIE LCh	85, 17.271, 336.261
Yxy	65.5102, 0.3223, 0.3046
Android (android.graphics.Color)	4293708513 (0xFFECCA E1)
YUV	214.7880, 5.0345, 18.6029
Hunter-Lab	80.9384, 11.2281, -2.1234

Details

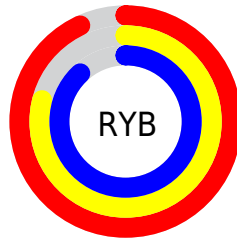
The Yxy color **65.5102, 0.3223, 0.3046** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3768, 0.3043, 0.3547**, and the grayscale version is **67.7683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7854, 0.3243, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **54.8636, 0.3304, 0.2869**, and if you desaturate by 10%, it is **77.8753, 0.3154, 0.3217**.

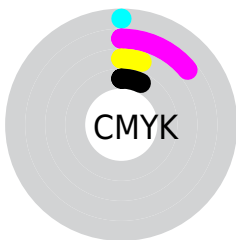
Distribution



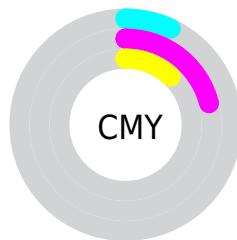
- Red (93%)
- Green (79%)
- Blue (88%)



- Red (93%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5102, 0.3223, 0.3046 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 65.5102, 0.3223, 0.3046 by changing the saturation by 10% instead.

 65.5102, 0.3223,
0.3046

 65.5102, 0.3223,
0.3046


444.6231, 0.3179,
0.3159

 47.8749, 0.3233,
0.3020

112.7831, 0.3208,
0.3085

 33.7278, 0.3245,
0.2988


143.1894, 0.3202,
0.3100

 22.6846, 0.3261,
0.2948


178.6215, 0.3197,
0.3113

 14.3608, 0.3281,
0.2895

219.4639, 0.3192,
0.3125

 8.3720, 0.3309,
0.2824

266.1008, 0.3188,
0.3135

 4.3339, 0.3349,
0.2720

318.9167, 0.3185,

 1.8620, 0.3410,

0.3144

0.2558

378.2961, 0.3182,
0.3152

0.5254, 0.3583,
0.2125

0.0000, 0.0000,
0.0000

65.5102, 0.3223,
0.3046

65.5102, 0.3223,
0.3046

54.8636, 0.3304,
0.2869

77.8753, 0.3154,
0.3217

45.8500, 0.3398,
0.2692

92.0224, 0.3096,
0.3379

38.3893, 0.3506,
0.2520

96.1344, 0.3051,
0.3360

32.3913, 0.3627,
0.2363

96.5808, 0.3012,
0.3290

■ 27.7565, 0.3759,
0.2233

■ 24.3728, 0.3898,
0.2140

■ 22.1103, 0.4040,
0.2094

■ 20.8099, 0.4179,
0.2098

■ 20.3672, 0.4255,
0.2118

Harmonies

Analogous

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



65.5102, 0.3005, 0.2949



65.5102, 0.3223, 0.3046



65.5102, 0.3421, 0.3204

Triad

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



65.5102, 0.3223, 0.3046



65.5102, 0.3430, 0.3656



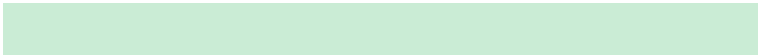
65.5102, 0.2732, 0.3170

Complementary

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



65.5102, 0.3223, 0.3046



77.3768, 0.3043, 0.3547

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.



65.5102, 0.2839, 0.3371



65.5102, 0.3223, 0.3046



65.5102, 0.3239, 0.3660

Square

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



65.5102, 0.3223, 0.3046



65.5102, 0.3542, 0.3553



65.5102, 0.3022, 0.3554



65.5102, 0.2728, 0.3012

Rectangle

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



65.5102, 0.3223, 0.3046



65.5102, 0.3511, 0.3325



65.5102, 0.3022, 0.3554



65.5102, 0.2757, 0.3235

Sweetspot

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



65.5131, 0.3223, 0.3046



93.4531, 0.3152, 0.3224



62.4055, 0.2972, 0.2914



19.7475, 0.3156, 0.3211



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.



65.5131, 0.3223, 0.3046



74.5214, 0.3243, 0.3000



64.6409, 0.3348, 0.3223



15.2260, 0.3187, 0.3132



11.2465, 0.4234, 0.2106



0.9006, 0.4056, 0.2008

Inverse Universe

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



65.5131, 0.3223, 0.3046



74.5214, 0.3243, 0.3000



78.2743, 0.2944, 0.3358



15.2260, 0.3187, 0.3132



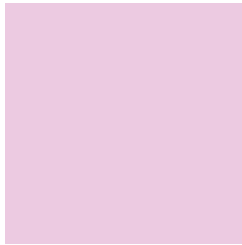
11.2465, 0.4234, 0.2106



0.9006, 0.4056, 0.2008

Previews

White Background



This preview shows how the Yxy color 65.5102, 0.3223, 0.3046 looks on a white background.

Color Contrast Check

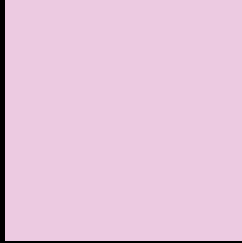
Large Text (above 18pt) WCAG AA × Fail

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 65.5102, 0.3223, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

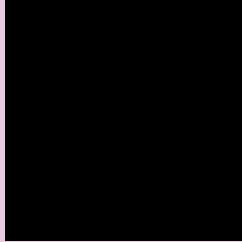
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5102, 0.3223, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 65.5102, 0.3223, 0.3046.



This preview shows how white text looks on a background with the Yxy color 65.5102, 0.3223, 0.3046.

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

65.5102, 0.3223, 0.3046

Protanopia

65.5080, 0.2993, 0.3068

Deuteranopia

65.8553, 0.3159, 0.3095



Tritanopia

65.4885, 0.3258, 0.3119

Trichromacy



Original Color

65.5102, 0.3223, 0.3046

Protanomaly

65.2872, 0.3071, 0.3060

Deuteranomaly

65.8675, 0.3182, 0.3086

Tritanomaly

65.5945, 0.3243, 0.3098

Monochromacy



Original Color

65.5102, 0.3223, 0.3046

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.8956, 0.3162, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5102, 0.3223, 0.3046 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(236, 202, 225)` looks like.

```
.text, #text, p{  
    color:rgb(236, 202, 225)  
}
```

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(236, 202, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 202, 225) }
```

Border

The CSS property to change the border of an element to Yxy 65.5102, 0.3223, 0.3046 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(236, 202, 225) }
```

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

```
.border{ border-color:rgb(236, 202, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 202, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 202, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 202, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 202,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5102, 0.3223, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 202, 225) }
```

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

```
.background{ background-color: rgb(236,  
202, 225) }
```

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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