

Converting Colors

$Y_{xy}(62.0500, 0.3358, 0.3029)$

Have a look what the booklet for
Yxy(62.0500, 0.3358, 0.3029)
contains.

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Color

Yxy(61.9421, 0.3357, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	F4C0D9
RGB	244, 192, 217
RGB Percent	96%, 75%, 85%
CMY	0.0430, 0.2471, 0.1489
CMYK	0.00, 0.21, 0.11, 0.04
HSL	331°, 70%, 85%
HSV	331°, 21%, 96%
XYZ	68.6950, 61.9421, 73.9949
YIQ	210.3980, 22.9670, 18.7990

Conversions

Conversions Part 2

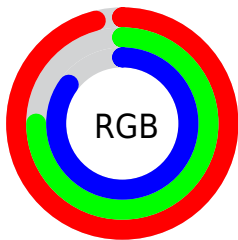
Format	Color
R_{YB}	244, 192, 217
Decimal	16040153
CIE _{Lab}	82.88, 22.49, -5.35
CIE _{LCh}	83, 23.119, 346.620
Yxy	61.9421, 0.3357, 0.3027
Android (android.graphics.Color)	4294230233 (0xFFFF4C0D9)
YUV	210.3980, 3.2548, 29.4690
Hunter-Lab	78.7033, 18.0702, -0.6507

Details

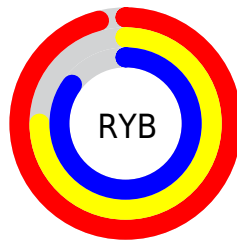
The Yxy color $61.9421, 0.3357, 0.3027$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81.0463, 0.2946, 0.3569$, and the grayscale version is $64.6948, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $31.3504, 0.3413, 0.2964$ is the 20% darker color. If you saturate the color by 10%, you get $51.4686, 0.3500, 0.2897$, and if you desaturate by 10%, it is $74.2486, 0.3238, 0.3154$.

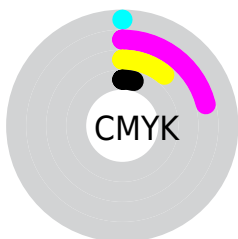
Distribution



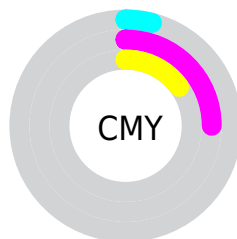
- Red (96%)
- Green (75%)
- Blue (85%)



- Red (96%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9421, 0.3357, 0.3027 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 61.9421, 0.3357, 0.3027 by changing the saturation by 10% instead.


 61.9421, 0.3357,
0.3027

 61.9421, 0.3357,
0.3027


431.7199, 0.3249,
0.3150

 44.9859, 0.3382,
0.2999


 107.6418, 0.3319,
0.3070

 31.4463, 0.3414,
0.2964


137.1542, 0.3304,
0.3086

 20.9390, 0.3454,
0.2919


171.6207, 0.3292,
0.3101

 13.0794, 0.3507,
0.2860

211.4258, 0.3281,
0.3113

 7.4832, 0.3581,
0.2779

256.9539, 0.3271,
0.3124

 3.7661, 0.3691,
0.2661

308.5893, 0.3263,

 1.5436, 0.3869,

0.3134

0.2473

366.7165, 0.3256,
0.3142

0.3191, 0.4503,
0.1686

0.0000, 0.0000,
0.0000

61.9421, 0.3357,
0.3027

61.9421, 0.3357,
0.3027

51.4686, 0.3500,
0.2897

74.2486, 0.3238,
0.3154

42.7310, 0.3671,
0.2769

88.4622, 0.3139,
0.3275

35.6360, 0.3870,
0.2650

97.9806, 0.3060,
0.3290

30.0780, 0.4096,
0.2552

■ 25.9392, 0.4345,
0.2487

■ 23.0841, 0.4605,
0.2467

■ 21.3505, 0.4864,
0.2502

■ 20.5336, 0.5078,
0.2571

Harmonies

Analogous

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



61.9421, 0.3059, 0.2866



61.9421, 0.3357, 0.3027



61.9421, 0.3600, 0.3254

Triad

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



61.9421, 0.3357, 0.3027



61.9421, 0.3456, 0.3811



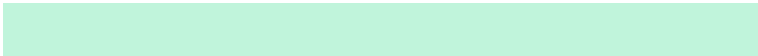
61.9421, 0.2577, 0.3038

Complementary

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



61.9421, 0.3357, 0.3027



81.0463, 0.2946, 0.3569

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.



61.9421, 0.2672, 0.3300



61.9421, 0.3357, 0.3027



61.9421, 0.3174, 0.3767

Square

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



61.9421, 0.3357, 0.3027



61.9421, 0.3656, 0.3705



61.9421, 0.2888, 0.3575



61.9421, 0.2619, 0.2862

Rectangle

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



61.9421, 0.3357, 0.3027



61.9421, 0.3692, 0.3418



61.9421, 0.2888, 0.3575



61.9421, 0.2594, 0.3119

Sweetspot

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



61.9449, 0.3357, 0.3027



90.1227, 0.3183, 0.3219



59.2693, 0.2962, 0.2728



19.0700, 0.3189, 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.



61.9449, 0.3357, 0.3027



62.7246, 0.3422, 0.2966



61.1213, 0.3557, 0.3301



16.6153, 0.3218, 0.3177



11.1880, 0.5041, 0.2551



1.0040, 0.4751, 0.2391

Inverse Universe

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



61.9449, 0.3357, 0.3027



62.7246, 0.3422, 0.2966



81.9447, 0.2809, 0.3280



16.6153, 0.3218, 0.3177



11.1880, 0.5041, 0.2551



1.0040, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 61.9421, 0.3357, 0.3027 looks on a white background.

Color Contrast Check

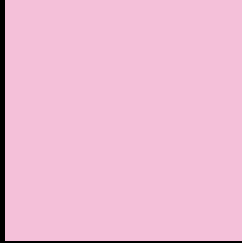
Large Text (above 18pt) WCAG AA × Fail

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 61.9421, 0.3357, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

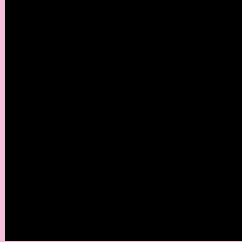
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9421, 0.3357, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 61.9421, 0.3357, 0.3027.



This preview shows how white text looks on a background with the Yxy color 61.9421, 0.3357, 0.3027.

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

61.9421, 0.3357, 0.3027

Protanopia

62.0780, 0.2990, 0.3063

Deuteranopia

61.9028, 0.3197, 0.3124



Tritanopia

61.7487, 0.3419, 0.3131

Trichromacy



Original Color

61.9421, 0.3357, 0.3027

Protanomaly

61.6425, 0.3116, 0.3046

Deuteranomaly

61.8793, 0.3255, 0.3084

Tritanomaly

61.8978, 0.3395, 0.3100

Monochromacy



Original Color

61.9421, 0.3357, 0.3027

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.0456, 0.3202, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9421, 0.3357, 0.3027 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(244, 192, 217)` looks like.

```
.text, #text, p{  
    color:rgb(244, 192, 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(244, 192, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 192, 217) }
```

Border

The CSS property to change the border of an element to Yxy 61.9421, 0.3357, 0.3027 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(244, 192, 217) }
```

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

```
.border{ border-color:rgb(244, 192, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 192, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 192, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 192, 217);  
box-shadow:4px 4px 4px 4px rgb(244, 192,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9421, 0.3357, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 192, 217) }
```

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

```
.background{ background-color: rgb(244,  
192, 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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