

Converting Colors

Yxy(62.1139, 0.3330, 0.3008)

Have a look what the booklet for
Yxy(62.1139, 0.3330, 0.3008)
contains.

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Color

Yxy(62.3091, 0.3332, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	F3C1DB
RGB	243, 193, 219
RGB Percent	95%, 76%, 86%
CMY	0.0471, 0.2431, 0.1413
CMYK	0.00, 0.21, 0.10, 0.05
HSL	329°, 68%, 85%
HSV	329°, 21%, 95%
XYZ	68.8147, 62.3091, 75.4029
YIQ	210.9140, 21.4540, 18.6860

Conversions

Conversions Part 2

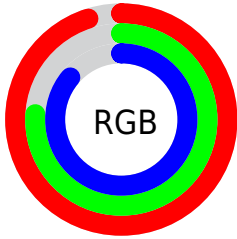
Format	Color
R _Y B	243, 193, 219
Decimal	15974875
CIE Lab	83.08, 21.91, -6.12
CIE LCh	83, 22.751, 344.390
Yxy	62.3091, 0.3332, 0.3017
Android (android.graphics.Color)	4294164955 (0xFFFF3C1DB)
YUV	210.9140, 3.9864, 28.1394
Hunter-Lab	78.9361, 17.4740, -1.3809

Details

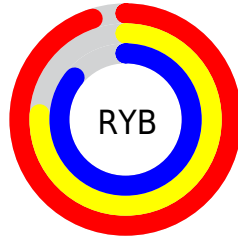
The Yxy color **62.3091, 0.3332, 0.3017** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.4487, 0.2963, 0.3580**, and the grayscale version is **65.0452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **31.5847, 0.3379, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **51.8423, 0.3463, 0.2877**, and if you desaturate by 10%, it is **74.5896, 0.3223, 0.3153**.

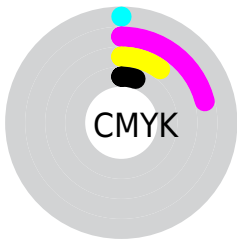
Distribution



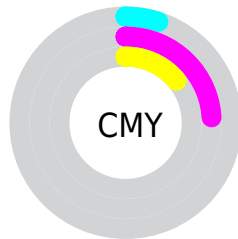
- Red (95%)
- Green (76%)
- Blue (86%)



- Red (95%)
- Yellow (76%)
- Blue (86%)



- Cyan (0%)
- Magenta (21%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3091, 0.3332, 0.3017 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 62.3091, 0.3332, 0.3017 by changing the saturation by 10% instead.

 62.3091, 0.3332,
0.3017

 62.3091, 0.3332,
0.3017


433.0577, 0.3236,
0.3144

 45.2825, 0.3354,
0.2988

 108.1721, 0.3298,
0.3061

 31.6800, 0.3382,
0.2952


137.7774, 0.3285,
0.3078

 21.1172, 0.3417,
0.2906


172.3443, 0.3274,
0.3093

 13.2097, 0.3464,
0.2845

212.2573, 0.3265,
0.3106

 7.5731, 0.3529,
0.2762

257.9007, 0.3256,
0.3117

 3.8230, 0.3624,
0.2642


309.6590, 0.3249,

 1.5751, 0.3778,


0.3127


0.2451


367.9165, 0.3242,
0.3136

 0.3407, 0.4297,
0.1705


 0.0000, 0.0000,
0.0000


 62.3091, 0.3332,
0.3017


 62.3091, 0.3332,
0.3017

 51.8423, 0.3463,
0.2877

 74.5896, 0.3223,
0.3153


 43.0939, 0.3618,
0.2739

 88.7567, 0.3132,
0.3283

 35.9726, 0.3798,
0.2610

 97.7300, 0.3059,
0.3299

 30.3747, 0.4002,
0.2501

 97.7939, 0.3054,
0.3290

■ 26.1852, 0.4226,
0.2424

■ 23.2717, 0.4462,
0.2392

■ 21.4768, 0.4698,
0.2414

■ 20.5666, 0.4911,
0.2479

Harmonies

Analogous

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



62.3091, 0.3039, 0.2865



62.3091, 0.3332, 0.3017



62.3091, 0.3578, 0.3237

Triad

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



62.3091, 0.3332, 0.3017



62.3091, 0.3469, 0.3798



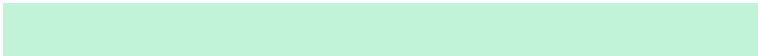
62.3091, 0.2588, 0.3060

Complementary

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



62.3091, 0.3332, 0.3017



80.4487, 0.2963, 0.3580

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.



62.3091, 0.2692, 0.3321



62.3091, 0.3332, 0.3017



62.3091, 0.3195, 0.3767

Square

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



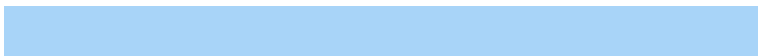
62.3091, 0.3332, 0.3017



62.3091, 0.3656, 0.3686



62.3091, 0.2911, 0.3588



62.3091, 0.2620, 0.2878

Rectangle

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



62.3091, 0.3332, 0.3017



62.3091, 0.3675, 0.3398



62.3091, 0.2911, 0.3588



62.3091, 0.2608, 0.3141

Sweetspot

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



62.3119, 0.3332, 0.3017



90.1592, 0.3179, 0.3213



59.2657, 0.2950, 0.2746



19.0786, 0.3185, 0.3205



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.



62.3119, 0.3332, 0.3017



64.0327, 0.3388, 0.2954



61.1240, 0.3526, 0.3273



16.6263, 0.3212, 0.3168



11.3156, 0.4878, 0.2461



1.0153, 0.4611, 0.2314

Inverse Universe

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



62.3119, 0.3332, 0.3017



64.0327, 0.3388, 0.2954



81.8081, 0.2829, 0.3307



16.6263, 0.3212, 0.3168



11.3156, 0.4878, 0.2461



1.0153, 0.4611, 0.2314

Previews

White Background



This preview shows how the Yxy color 62.3091, 0.3332, 0.3017 looks on a white background.

Color Contrast Check

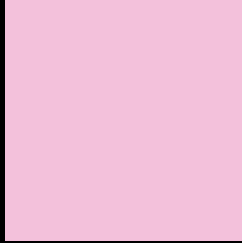
Large Text (above 18pt) WCAG AA × Fail

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 62.3091, 0.3332, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

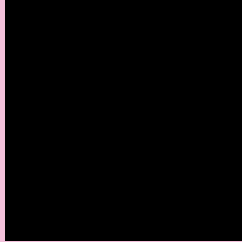
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3091, 0.3332, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 62.3091, 0.3332, 0.3017.



This preview shows how white text looks on a background with the Yxy color 62.3091, 0.3332, 0.3017.

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

62.3091, 0.3332, 0.3017

Protanopia

62.6678, 0.2976, 0.3052

Deuteranopia

62.4710, 0.3182, 0.3113



Tritanopia

62.5606, 0.3392, 0.3131

Trichromacy



Original Color

62.3091, 0.3332, 0.3017

Protanomaly

62.2152, 0.3101, 0.3036

Deuteranomaly

62.2731, 0.3231, 0.3073

Tritanomaly

62.2649, 0.3369, 0.3089

Monochromacy



Original Color

62.3091, 0.3332, 0.3017

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.7287, 0.3201, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3091, 0.3332, 0.3017 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(243, 193, 219)` looks like.

```
.text, #text, p{  
    color:rgb(243, 193, 219)  
}
```

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(243, 193, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 193, 219) }
```

Border

The CSS property to change the border of an element to Yxy 62.3091, 0.3332, 0.3017 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(243, 193, 219) }
```

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

```
.border{ border-color:rgb(243, 193, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 193, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 193, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 193, 219);  
box-shadow:4px 4px 4px 4px rgb(243, 193,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3091, 0.3332, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 193, 219) }
```

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

```
.background{ background-color: rgb(243,  
193, 219) }
```

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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