

Converting Colors

Yxy(71.8464, 0.2467, 0.1829)

Have a look what the booklet for
Yxy(71.8464, 0.2467, 0.1829)
contains.

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Color

Yxy(62.7793, 0.3090, 0.2620)

Conversions

Conversions Part 1

Format	Color
Hex	F6BCFF
RGB	246, 188, 255
RGB Percent	96%, 74%, 100%
CMY	0.0352, 0.2627, 0.0001
CMYK	0.04, 0.26, 0.00, 0.00
HSL	292°, 100%, 87%
HSV	292°, 26%, 100%
XYZ	74.0412, 62.7793, 102.7951
YIQ	212.9800, 13.0610, 33.1330

Conversions

Conversions Part 2

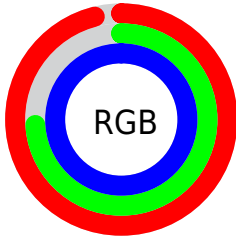
Format	Color
R _Y B	246, 188, 255
Decimal	16170239
CIE Lab	83.33, 31.93, -24.95
CIE LCh	83, 40.522, 321.998
Yxy	62.7793, 0.3090, 0.2620
Android (android.graphics.Color)	4294360319 (0xFFF6BCFF)
YUV	212.9800, 20.7159, 28.9585
Hunter-Lab	79.2334, 28.1445, -21.4578

Details

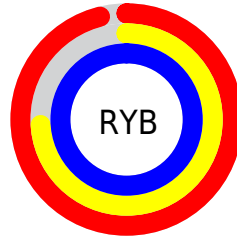
The Yxy color **62.7793, 0.3090, 0.2620** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.9931, 0.3146, 0.4034**, and the grayscale version is **66.3802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **31.9462, 0.3074, 0.2474** is the 20% darker color. If you saturate the color by 10%, you get **52.2237, 0.3069, 0.2361**, and if you desaturate by 10%, it is **75.2759, 0.3107, 0.2881**.

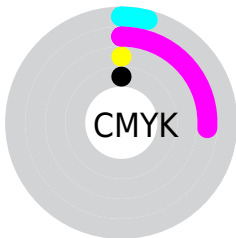
Distribution



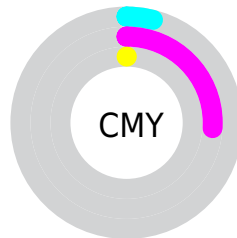
- Red (96%)
- Green (74%)
- Blue (100%)



- Red (96%)
- Yellow (74%)
- Blue (100%)



- Cyan (4%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7793, 0.3090, 0.2620 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 62.7793, 0.3090, 0.2620 by changing the saturation by 10% instead.


 62.7793, 0.3090,
0.2620

 62.7793, 0.3090,
0.2620


434.7681, 0.3114,
0.2920

 45.6627, 0.3083,
0.2554


 108.8510, 0.3100,
0.2722

 31.9797, 0.3073,
0.2474


138.5750, 0.3103,
0.2762

 21.3460, 0.3060,
0.2374


173.2701, 0.3106,
0.2797

 13.3772, 0.3041,
0.2248

213.3209, 0.3108,
0.2828

 7.6888, 0.3012,
0.2082

259.1117, 0.3110,
0.2855

 3.8965, 0.2964,
0.1858


311.0269, 0.3112,


 1.6158, 0.2876,

0.2879

0.1540


369.4509, 0.3113,
0.2901


 0.3682, 0.2754,
0.0872


 0.0000, 0.0759,
0.0000


 62.7793, 0.3090,
0.2620


 62.7793, 0.3090,
0.2620

 52.2237, 0.3069,
0.2361


 75.2759, 0.3107,
0.2881

 43.4996, 0.3044,
0.2113

 89.7991, 0.3120,
0.3136

 36.4991, 0.3016,
0.1888

99.9979, 0.3127,
0.3290

 31.0996, 0.2984,
0.1694

■ 27.1624, 0.2951,
0.1541

■ 24.5249, 0.2916,
0.1433

■ 22.9848, 0.2881,
0.1370

■ 22.5778, 0.2867,
0.1353

Harmonies

Analogous

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



62.7793, 0.2619, 0.2482



62.7793, 0.3090, 0.2620



62.7793, 0.3611, 0.2904

Triad

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



62.7793, 0.3090, 0.2620



62.7793, 0.3990, 0.4037



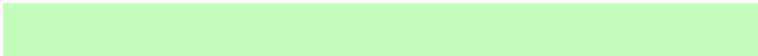
62.7793, 0.2308, 0.3199

Complementary

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



62.7793, 0.3090, 0.2620



86.9931, 0.3146, 0.4034

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.



62.7793, 0.2628, 0.3714



62.7793, 0.3090, 0.2620



62.7793, 0.3598, 0.4218

Square

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



62.7793, 0.3090, 0.2620



62.7793, 0.4153, 0.3686



62.7793, 0.3097, 0.4112



62.7793, 0.2197, 0.2768

Rectangle

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



62.7793, 0.3090, 0.2620



62.7793, 0.3904, 0.3149



62.7793, 0.3097, 0.4112



62.7793, 0.2393, 0.3370

Sweetspot

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



62.7820, 0.3090, 0.2620



87.1549, 0.3118, 0.3092



58.3183, 0.2681, 0.2650



18.1701, 0.3116, 0.3054



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.



62.7820, 0.3090, 0.2620



56.5124, 0.3078, 0.2471



63.0200, 0.3335, 0.2852



18.1701, 0.3116, 0.3054



11.8485, 0.2873, 0.1357



1.1863, 0.2914, 0.1379

Inverse Universe

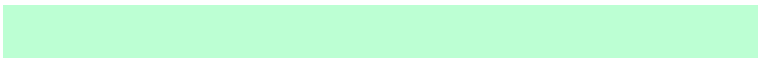
The Inverse Universe completely reimagines the original color for something new.



61.2491, 0.3618, 0.3199



54.7739, 0.3768, 0.3178



86.9163, 0.2966, 0.3774



18.0266, 0.3273, 0.3259



11.1813, 0.6231, 0.3206



1.1003, 0.5976, 0.3066

Previews

White Background



This preview shows how the Yxy color 62.7793, 0.3090, 0.2620 looks on a white background.

Color Contrast Check

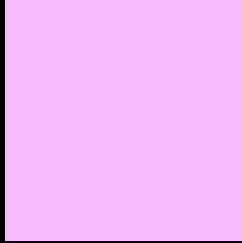
Large Text (above 18pt) WCAG AA × Fail

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 62.7793, 0.3090, 0.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

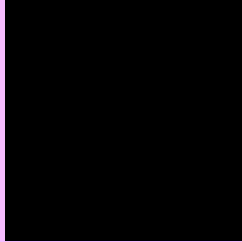
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7793, 0.3090, 0.2620

Background



This preview shows how black text looks on a background with the Yxy color 62.7793, 0.3090, 0.2620.

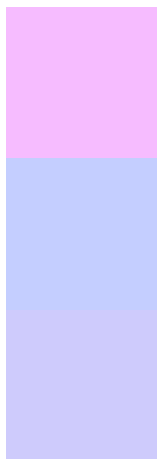


This preview shows how white text looks on a background with the Yxy color 62.7793, 0.3090, 0.2620.

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

62.7793, 0.3090, 0.2620

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

62.8620, 0.2823, 0.2756



Tritanopia

62.7083, 0.3366, 0.3130

Trichromacy



Original Color

62.7793, 0.3090, 0.2620



Protanomaly

62.3630, 0.2857, 0.2691



Deuteranomaly

62.8522, 0.2919, 0.2708



Tritanomaly

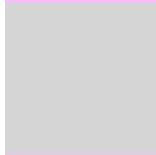
62.5632, 0.3262, 0.2934

Monochromacy



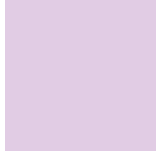
Original Color

62.7793, 0.3090, 0.2620



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.7947, 0.3117, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7793, 0.3090, 0.2620 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(246, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 188, 255)  
}
```

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(246, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 188, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.7793, 0.3090, 0.2620 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(246, 188, 255) }
```

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

```
.border{ border-color:rgb(246, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 188, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 188, 255); box-shadow:4px 4px 4px 4px rgb(246, 188, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7793, 0.3090, 0.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 188, 255) }
```

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

```
.background{ background-color: rgb(246,  
188, 255) }
```

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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