

Converting Colors

Yxy(62.2025, 0.3279, 0.2991)

Have a look what the booklet for
Yxy(62.2025, 0.3279, 0.2991)
contains.

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Color

Yxy(62.2082, 0.3276, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	EFC2DE
RGB	239, 194, 222
RGB Percent	94%, 76%, 87%
CMY	0.0628, 0.2392, 0.1296
CMYK	0.00, 0.19, 0.07, 0.06
HSL	323°, 58%, 85%
HSV	323°, 19%, 94%
XYZ	68.0675, 62.2082, 77.5005
YIQ	210.6470, 17.8320, 18.2480

Conversions

Conversions Part 2

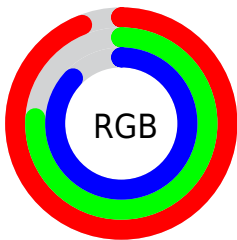
Format	Color
R _Y B	239, 194, 222
Decimal	15712990
CIE Lab	83.02, 20.51, -7.84
CIE LCh	83, 21.959, 339.082
Yxy	62.2082, 0.3276, 0.2994
Android (android.graphics.Color)	4293903070 (0xFFEFC2DE)
YUV	210.6470, 5.5970, 24.8656
Hunter-Lab	78.8722, 16.0210, -3.0484

Details

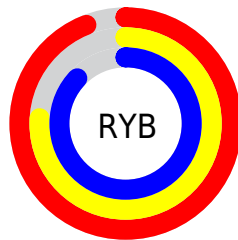
The Yxy color **62.2082, 0.3276, 0.2994** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.9062, 0.3003, 0.3606**, and the grayscale version is **64.8504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **31.6135, 0.3314, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **51.9415, 0.3377, 0.2829**, and if you desaturate by 10%, it is **74.2172, 0.3191, 0.3155**.

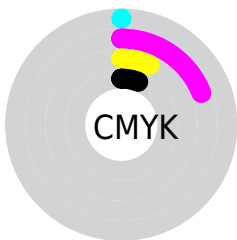
Distribution



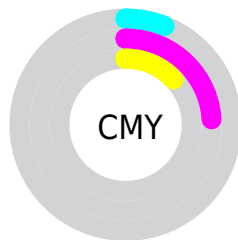
- Red (94%)
- Green (76%)
- Blue (87%)



- Red (94%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (6%)





- Cyan (6%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2082, 0.3276, 0.2994 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 62.2082, 0.3276, 0.2994 by changing the saturation by 10% instead.


 62.2082, 0.3276,
0.2994

 62.2082, 0.3276,
0.2994


432.6901, 0.3207,
0.3131

 45.2010, 0.3292,
0.2962


 108.0264, 0.3252,
0.3042

 31.6157, 0.3312,
0.2924


137.6061, 0.3243,
0.3060

 21.0682, 0.3337,
0.2874


172.1454, 0.3235,
0.3076

 13.1738, 0.3369,
0.2809

212.0288, 0.3228,
0.3090

 7.5484, 0.3414,
0.2721

257.6405, 0.3221,
0.3102

 3.8073, 0.3479,
0.2592

309.3651, 0.3216,

 1.5664, 0.3582,

0.3113

0.2390

367.5868, 0.3211,
0.3123

0.3348, 0.3963,
0.1620

0.0000, 0.0000,
0.0000

62.2082, 0.3276,
0.2994

62.2082, 0.3276,
0.2994

51.9415, 0.3377,
0.2829

74.2172, 0.3191,
0.3155

43.3267, 0.3494,
0.2666

88.0368, 0.3119,
0.3308

36.2780, 0.3629,
0.2511

96.7162, 0.3062,
0.3348

30.6983, 0.3780,
0.2376

97.0898, 0.3029,
0.3290

■ 26.4796, 0.3944,
0.2271

■ 23.4989, 0.4116,
0.2208

■ 21.6108, 0.4290,
0.2196

■ 20.5992, 0.4458,
0.2235

■ 20.5040, 0.4478,
0.2241

Harmonies

Analogous

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



62.2082, 0.2993, 0.2862



62.2082, 0.3276, 0.2994



62.2082, 0.3527, 0.3198

Triad

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



62.2082, 0.3276, 0.2994



62.2082, 0.3497, 0.3771



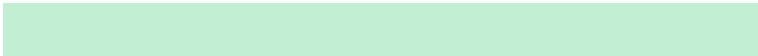
62.2082, 0.2615, 0.3109

Complementary

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



62.2082, 0.3276, 0.2994



77.9062, 0.3003, 0.3606

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.



62.2082, 0.2737, 0.3368



62.2082, 0.3276, 0.2994



62.2082, 0.3243, 0.3766

Square

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



62.2082, 0.3276, 0.2994



62.2082, 0.3656, 0.3642



62.2082, 0.2965, 0.3616



62.2082, 0.2622, 0.2916

Rectangle

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



62.2082, 0.3276, 0.2994



62.2082, 0.3637, 0.3354



62.2082, 0.2965, 0.3616



62.2082, 0.2642, 0.3191

Sweetspot

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



62.2110, 0.3276, 0.2994



90.2562, 0.3170, 0.3198



58.5969, 0.2934, 0.2791



19.1015, 0.3174, 0.3188



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.



62.2110, 0.3276, 0.2994



66.7694, 0.3317, 0.2924



61.1096, 0.3448, 0.3226



15.9240, 0.3196, 0.3144



11.3579, 0.4453, 0.2227



0.9642, 0.4245, 0.2112

Inverse Universe

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



62.2110, 0.3276, 0.2994



66.7694, 0.3317, 0.2924



79.0839, 0.2878, 0.3355



15.9240, 0.3196, 0.3144



11.3579, 0.4453, 0.2227



0.9642, 0.4245, 0.2112

Previews

White Background



This preview shows how the Yxy color 62.2082, 0.3276, 0.2994 looks on a white background.

Color Contrast Check

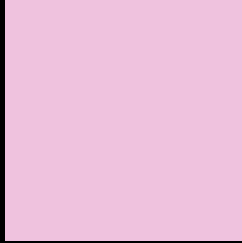
Large Text (above 18pt) WCAG AA × Fail

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 62.2082, 0.3276, 0.2994 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 62.2082, 0.3276, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 62.2082, 0.3276, 0.2994.



This preview shows how white text looks on a background with the Yxy color 62.2082, 0.3276, 0.2994.

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

62.2082, 0.3276, 0.2994

Protanopia

62.6371, 0.2956, 0.3030

Deuteranopia

62.3659, 0.3138, 0.3069



Tritanopia

62.3601, 0.3350, 0.3130

Trichromacy



Original Color

62.2082, 0.3276, 0.2994

Protanomaly

62.4838, 0.3072, 0.3024

Deuteranomaly

62.1026, 0.3193, 0.3040

Tritanomaly

62.1137, 0.3320, 0.3076

Monochromacy



Original Color

62.2082, 0.3276, 0.2994

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.9411, 0.3178, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2082, 0.3276, 0.2994 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(239, 194, 222)` looks like.

```
.text, #text, p{  
    color:rgb(239, 194, 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(239, 194, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 194, 222) }
```

Border

The CSS property to change the border of an element to Yxy 62.2082, 0.3276, 0.2994 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(239, 194, 222) }
```

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

```
.border{ border-color:rgb(239, 194, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 194, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 194, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 194, 222);  
box-shadow:4px 4px 4px 4px rgb(239, 194,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2082, 0.3276, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 194, 222) }
```

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

```
.background{ background-color: rgb(239,  
194, 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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