

Converting Colors

Yxy(64.1581, 0.3088, 0.2834)

Have a look what the booklet for
Yxy(64.1581, 0.3088, 0.2834)
contains.

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Color

Yxy(64.2914, 0.3088, 0.2830)

Conversions

Conversions Part 1

Format	Color
Hex	EAC6F2
RGB	234, 198, 242
RGB Percent	92%, 78%, 95%
CMY	0.0824, 0.2235, 0.0509
CMYK	0.03, 0.18, 0.00, 0.05
HSL	289°, 63%, 86%
HSV	289°, 18%, 95%
XYZ	70.1526, 64.2914, 92.7341
YIQ	213.7800, 7.3320, 21.3160

Conversions

Conversions Part 2

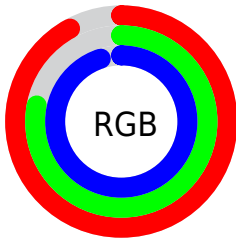
Format	Color
R_{YB}	234, 198, 242
Decimal	15386354
CIE _{Lab}	84.12, 20.32, -16.96
CIE _{LCh}	84, 26.471, 320.147
Yxy	64.2914, 0.3088, 0.2830
Android (android.graphics.Color)	4293576434 (0xFFEAC6F2)
YUV	213.7800, 13.9125, 17.7329
Hunter-Lab	80.1819, 15.8545, -12.4443

Details

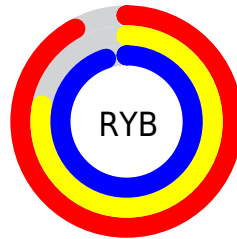
The Yxy color $64.2914, 0.3088, 0.2830$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $80.7235, 0.3156, 0.3779$, and the grayscale version is $66.9923, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.9567, 0.3074, 0.2724$ is the 20% darker color. If you saturate the color by 10%, you get $53.3611, 0.3060, 0.2566$, and if you desaturate by 10%, it is $77.0136, 0.3111, 0.3088$.

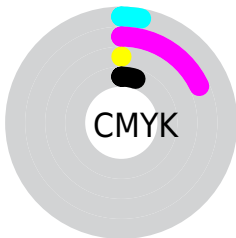
Distribution



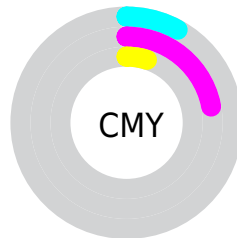
- Red (92%)
- Green (78%)
- Blue (95%)



- Red (92%)
- Yellow (78%)
- Blue (95%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)




- Cyan (8%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2914, 0.3088, 0.2830 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 64.2914, 0.3088, 0.2830 by changing the saturation by 10% instead.


 64.2914, 0.3088,
0.2830

 64.2914, 0.3088,
0.2830

440.2412, 0.3110,
0.3040

 46.8867, 0.3082,
0.2783


111.0305, 0.3096,
0.2902

 32.9461, 0.3075,
0.2725


141.1337, 0.3099,
0.2930

 22.0852, 0.3065,
0.2653


176.2386, 0.3102,
0.2955

 13.9195, 0.3051,
0.2559

216.7294, 0.3104,
0.2976

 8.0647, 0.3029,
0.2434

262.9907, 0.3105,
0.2995

 4.1364, 0.2995,
0.2258


315.4069, 0.3107,

 1.7501, 0.2933,


0.3012

0.1995


374.3622, 0.3108,
0.3026


 0.4558, 0.2857,
0.1397


 0.0000, 0.0000,
0.0000


 64.2914, 0.3088,
0.2830


 64.2914, 0.3088,
0.2830

 53.3611, 0.3060,
0.2566


 77.0136, 0.3111,
0.3088


 44.1306, 0.3026,
0.2303

 91.5978, 0.3130,
0.3333

 36.5119, 0.2987,
0.2052

 97.7504, 0.3154,
0.3416

 30.4058, 0.2944,
0.1823

 98.5641, 0.3181,
0.3415

■ 25.7020, 0.2898,
0.1626

■ 99.1922, 0.3203,
0.3415

■ 22.2751, 0.2849,
0.1470

■ 19.9772, 0.2800,
0.1361

■ 18.6020, 0.2752,
0.1295

■ 18.3977, 0.2743,
0.1285

Harmonies

Analogous

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



64.2914, 0.2779, 0.2746



64.2914, 0.3088, 0.2830



64.2914, 0.3424, 0.3021

Triad

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



64.2914, 0.3088, 0.2830



64.2914, 0.3705, 0.3778



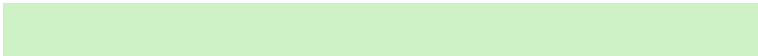
64.2914, 0.2595, 0.3261

Complementary

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



64.2914, 0.3088, 0.2830



80.7235, 0.3156, 0.3779

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.



64.2914, 0.2822, 0.3579



64.2914, 0.3088, 0.2830



64.2914, 0.3463, 0.3884

Square

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



64.2914, 0.3088, 0.2830



64.2914, 0.3791, 0.3553



64.2914, 0.3138, 0.3816



64.2914, 0.2506, 0.2973

Rectangle

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



64.2914, 0.3088, 0.2830



64.2914, 0.3613, 0.3189



64.2914, 0.3138, 0.3816



64.2914, 0.2657, 0.3369

Sweetspot

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



64.2942, 0.3088, 0.2830



91.6945, 0.3118, 0.3167



62.5983, 0.2832, 0.2886



19.3858, 0.3116, 0.3150



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.



64.2942, 0.3088, 0.2830



67.3903, 0.3078, 0.2728



64.8788, 0.3250, 0.2977



15.8771, 0.3109, 0.3055



9.9365, 0.2751, 0.1289



0.8641, 0.2815, 0.1324

Inverse Universe

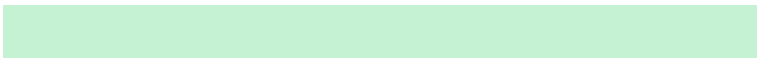
The Inverse Universe completely reimagines the original color for something new.



63.7309, 0.3418, 0.3205



66.6712, 0.3496, 0.3186



80.2757, 0.3023, 0.3625



15.8060, 0.3265, 0.3247



10.2537, 0.6119, 0.3144



0.8661, 0.5775, 0.2955

Previews

White Background



This preview shows how the Yxy color 64.2914, 0.3088, 0.2830 looks on a white background.

Color Contrast Check

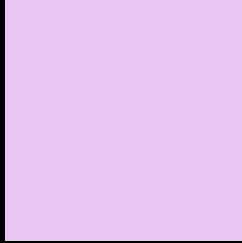
Large Text (above 18pt) WCAG AA × Fail

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 64.2914, 0.3088, 0.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

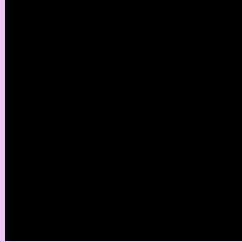
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.2914, 0.3088, 0.2830

Background



This preview shows how black text looks on a background with the Yxy color 64.2914, 0.3088, 0.2830.



This preview shows how white text looks on a background with the Yxy color 64.2914, 0.3088, 0.2830.

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

64.2914, 0.3088, 0.2830

Protanopia

64.5079, 0.2817, 0.2839

Deuteranopia

64.6124, 0.2963, 0.2899



Tritanopia

64.1260, 0.3228, 0.3117

Trichromacy



Original Color

64.2914, 0.3088, 0.2830

Protanomaly

64.1357, 0.2916, 0.2836

Deuteranomaly

64.2799, 0.3013, 0.2872

Tritanomaly

64.3083, 0.3171, 0.3012

Monochromacy



Original Color

64.2914, 0.3088, 0.2830

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

65.8657, 0.3113, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2914, 0.3088, 0.2830 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(234, 198, 242)` looks like.

```
.text, #text, p{  
    color:rgb(234, 198, 242)  
}
```

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(234, 198, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 198, 242) }
```

Border

The CSS property to change the border of an element to Yxy 64.2914, 0.3088, 0.2830 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(234, 198, 242) }
```

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

```
.border{ border-color:rgb(234, 198, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 198, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 198, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 198, 242);  
box-shadow:4px 4px 4px 4px rgb(234, 198,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2914, 0.3088, 0.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 198, 242) }
```

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

```
.background{ background-color: rgb(234,  
198, 242) }
```

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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