

Converting Colors

$Y_{xy}(61.2160, 0.2859, 0.2559)$

Have a look what the booklet for
Yxy(61.2160, 0.2859, 0.2559)
contains.

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Color

Yxy(60.8895, 0.2912, 0.2636)

Conversions

Conversions Part 1

Format	Color
Hex	DEC1FF
RGB	222, 193, 255
RGB Percent	87%, 76%, 100%
CMY	0.1291, 0.2432, 0.0000
CMYK	0.13, 0.24, 0.00, 0.00
HSL	268°, 100%, 88%
HSV	268°, 24%, 100%
XYZ	67.2649, 60.8895, 102.8377
YIQ	208.7390, -2.6180, 25.4300

Conversions

Conversions Part 2

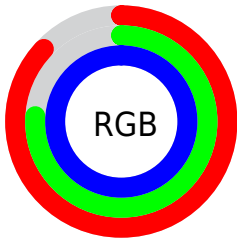
Format	Color
R _Y B	222, 193, 255
Decimal	14598655
CIE _{Lab}	82.32, 21.78, -26.71
CIE _{LCh}	82, 34.468, 309.198
Y _{xy}	60.8895, 0.2912, 0.2636
Android (android.graphics.Color)	4292788735 (0xFFDEC1FF)
YUV	208.7390, 22.8067, 11.6299
Hunter-Lab	78.0317, 17.3150, -23.5158

Details

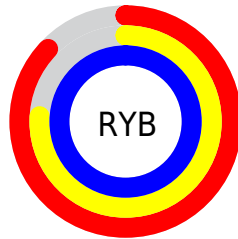
The Yxy color $60.8895, 0.2912, 0.2636$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $91.5209, 0.3302, 0.3940$, and the grayscale version is $63.4363, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8512, 0.3129, 0.3242$, and $30.6494, 0.2851, 0.2486$ is the 20% darker color. If you saturate the color by 10%, you get $48.5202, 0.2800, 0.2338$, and if you desaturate by 10%, it is $75.3755, 0.3010, 0.2920$.

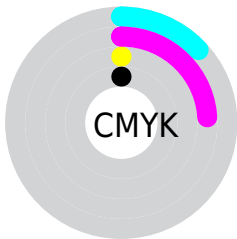
Distribution



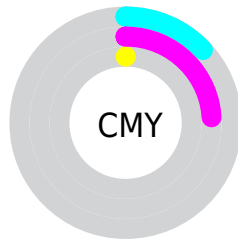
- Red (87%)
- Green (76%)
- Blue (100%)



- Red (87%)
- Yellow (76%)
- Blue (100%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8895, 0.2912, 0.2636 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 60.8895, 0.2912, 0.2636 by changing the saturation by 10% instead.

 60.8895, 0.2912,
0.2636

 60.8895, 0.2912,
0.2636


427.8687, 0.3018,
0.2933

 44.1360, 0.2886,
0.2570


 106.1189, 0.2950,
0.2738

 30.7774, 0.2854,
0.2489

135.3636, 0.2965,
0.2778

 20.4294, 0.2812,
0.2388


169.5409, 0.2977,
0.2812

 12.7076, 0.2755,
0.2259

209.0350, 0.2988,
0.2843

 7.2275, 0.2675,
0.2088

254.2305, 0.2997,
0.2869

 3.6048, 0.2555,
0.1854

305.5117, 0.3005,

 1.4550, 0.2361,

0.2893

0.1518

363.2630, 0.3012,
0.2914

0.2568, 0.2080,
0.0689

0.0000, 0.0000,
0.0000

60.8895, 0.2912,
0.2636

60.8895, 0.2912,
0.2636

48.5202, 0.2800,
0.2338

75.3755, 0.3010,
0.2920

38.1615, 0.2676,
0.2033

92.0724, 0.3095,
0.3183

29.7015, 0.2541,
0.1734

100.0000, 0.3127,
0.3290

23.0159, 0.2400,
0.1457

■ 17.9651, 0.2260,
0.1217

■ 14.3872, 0.2127,
0.1028

■ 12.0849, 0.2007,
0.0898

■ 11.1884, 0.1945,
0.0845

Harmonies

Analogous

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



60.8895, 0.2551, 0.2582



60.8895, 0.2912, 0.2636



60.8895, 0.3358, 0.2836

Triad

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



60.8895, 0.2912, 0.2636



60.8895, 0.3961, 0.3826



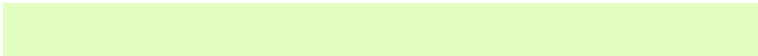
60.8895, 0.2517, 0.3404

Complementary

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



60.8895, 0.2912, 0.2636



91.5209, 0.3302, 0.3940

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.



60.8895, 0.2862, 0.3818



60.8895, 0.2912, 0.2636



60.8895, 0.3700, 0.4049

Square

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



60.8895, 0.2912, 0.2636



60.8895, 0.3989, 0.3494



60.8895, 0.3295, 0.4061



60.8895, 0.2336, 0.2988

Rectangle

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



60.8895, 0.2912, 0.2636



60.8895, 0.3642, 0.3030



60.8895, 0.3295, 0.4061



60.8895, 0.2616, 0.3551

Sweetspot

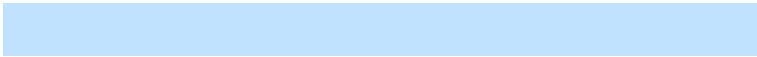
The Sweet Spot groups the original color and five complimentary colors.



60.8903, 0.2912, 0.2636



87.3825, 0.3073, 0.3115



72.9763, 0.2741, 0.2974



18.4819, 0.3068, 0.3099



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.



60.8903, 0.2912, 0.2636



54.8489, 0.2862, 0.2498



66.2182, 0.3140, 0.2680



17.7956, 0.3053, 0.3050



5.9333, 0.1962, 0.0855



0.6420, 0.2087, 0.0923

Inverse Universe

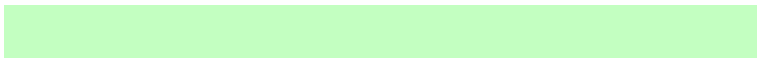
The Inverse Universe completely reimagines the original color for something new.



64.8735, 0.3374, 0.2957



59.5113, 0.3435, 0.2890



86.9767, 0.3107, 0.3980



18.1482, 0.3211, 0.3165



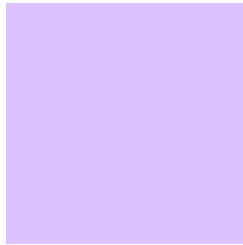
12.0584, 0.4834, 0.2436



1.1962, 0.4597, 0.2306

Previews

White Background



This preview shows how the Yxy color 60.8895, 0.2912, 0.2636 looks on a white background.

Color Contrast Check

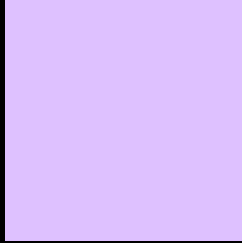
Large Text (above 18pt) WCAG AA × Fail

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 60.8895, 0.2912, 0.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

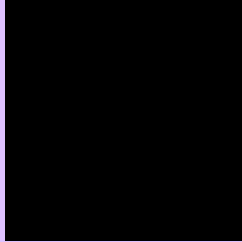
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8895, 0.2912, 0.2636

Background



This preview shows how black text looks on a background with the Yxy color 60.8895, 0.2912, 0.2636.

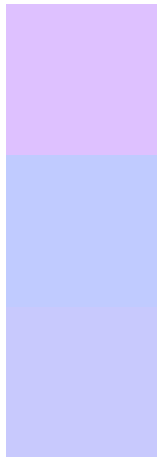


This preview shows how white text looks on a background with the Yxy color 60.8895, 0.2912, 0.2636.

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

60.8895, 0.2912, 0.2636

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

61.1445, 0.2775, 0.2717



Tritanopia

60.8654, 0.3136, 0.3110

Trichromacy



Original Color

60.8895, 0.2912, 0.2636

Protanomaly

60.7634, 0.2781, 0.2678

Deuteranomaly

60.9538, 0.2821, 0.2683

Tritanomaly

60.5511, 0.3052, 0.2926

Monochromacy



Original Color

60.8895, 0.2912, 0.2636

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.4990, 0.3049, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8895, 0.2912, 0.2636 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(222, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 193, 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(222, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.8895, 0.2912, 0.2636 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(222, 193, 255) }
```

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

```
.border{ border-color:rgb(222, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 193, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 193, 255); box-shadow:4px 4px 4px 4px rgb(222, 193, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8895, 0.2912, 0.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 193, 255) }
```

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

```
.background{ background-color: rgb(222,  
193, 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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