

Converting Colors

Yxy(61.5951, 0.2928, 0.2648)

Have a look what the booklet for
Yxy(61.5951, 0.2928, 0.2648)
contains.

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Color

Yxy(61.6509, 0.2926, 0.2650)

Conversions

Conversions Part 1

Format	Color
Hex	E0C2FF
RGB	224, 194, 255
RGB Percent	88%, 76%, 100%
CMY	0.1217, 0.2391, 0.0000
CMYK	0.12, 0.24, 0.00, 0.00
HSL	269°, 100%, 88%
HSV	269°, 24%, 100%
XYZ	68.0719, 61.6509, 102.9221
YIQ	209.9240, -1.7010, 25.3310

Conversions

Conversions Part 2

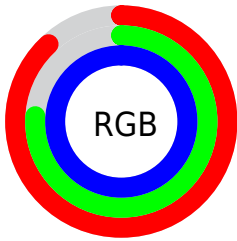
Format	Color
R _Y B	224, 194, 255
Decimal	14729983
CIE Lab	82.73, 21.80, -26.06
CIE LCh	83, 33.977, 309.911
Yxy	61.6509, 0.2926, 0.2650
Android (android.graphics.Color)	4292920063 (0xFFE0C2FF)
YUV	209.9240, 22.2225, 12.3447
Hunter-Lab	78.5181, 17.3454, -22.7551

Details

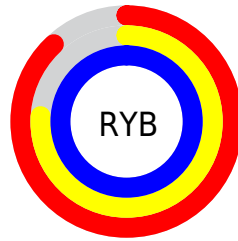
The Yxy color $61.6509, 0.2926, 0.2650$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $91.4341, 0.3291, 0.3930$, and the grayscale version is $64.2474, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $31.1582, 0.2871, 0.2504$ is the 20% darker color. If you saturate the color by 10%, you get $49.2631, 0.2820, 0.2354$, and if you desaturate by 10%, it is $76.1492, 0.3019, 0.2932$.

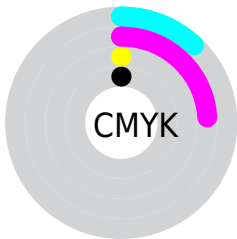
Distribution



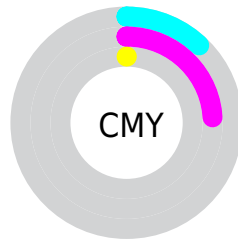
- Red (88%)
- Green (76%)
- Blue (100%)



- Red (88%)
- Yellow (76%)
- Blue (100%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (12%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6509, 0.2926, 0.2650 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 61.6509, 0.2926, 0.2650 by changing the saturation by 10% instead.


 61.6509, 0.2926,
0.2650

 61.6509, 0.2926,
0.2650

430.6565, 0.3026,
0.2940

 44.7507, 0.2902,
0.2585


 107.2208, 0.2962,
0.2749

 31.2611, 0.2871,
0.2506


136.6593, 0.2975,
0.2788

 20.7977, 0.2832,
0.2408


171.0460, 0.2987,
0.2822

 12.9762, 0.2779,
0.2282

210.7653, 0.2997,
0.2852

 7.4122, 0.2704,
0.2115

256.2016, 0.3005,
0.2878

 3.7212, 0.2592,
0.1887

307.7394, 0.3013,

 1.5189, 0.2409,

0.2901

0.1558

365.7629, 0.3020,
0.2922

0.3019, 0.2142,
0.0789

0.0000, 0.0000,
0.0000

61.6509, 0.2926,
0.2650

61.6509, 0.2926,
0.2650

49.2631, 0.2820,
0.2354

76.1492, 0.3019,
0.2932

38.8759, 0.2701,
0.2052

92.8468, 0.3099,
0.3194

30.3798, 0.2571,
0.1756

100.0000, 0.3127,
0.3290

23.6517, 0.2436,
0.1481

■ 18.5532, 0.2300,
0.1243

■ 14.9241, 0.2170,
0.1055

■ 12.5697, 0.2052,
0.0924

■ 11.5935, 0.1986,
0.0868

Harmonies

Analogous

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



61.6509, 0.2568, 0.2593



61.6509, 0.2926, 0.2650



61.6509, 0.3365, 0.2850

Triad

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



61.6509, 0.2926, 0.2650



61.6509, 0.3942, 0.3824



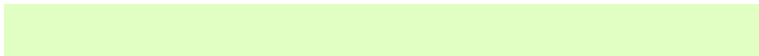
61.6509, 0.2521, 0.3392

Complementary

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



61.6509, 0.2926, 0.2650



91.4341, 0.3291, 0.3930

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.



61.6509, 0.2858, 0.3799



61.6509, 0.2926, 0.2650



61.6509, 0.3682, 0.4038

Square

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



61.6509, 0.2926, 0.2650



61.6509, 0.3975, 0.3499



61.6509, 0.3282, 0.4043



61.6509, 0.2348, 0.2986

Rectangle

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



61.6509, 0.2926, 0.2650



61.6509, 0.3641, 0.3043



61.6509, 0.3282, 0.4043



61.6509, 0.2618, 0.3536

Sweetspot

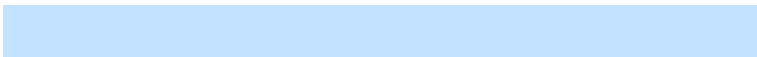
The Sweet Spot groups the original color and five complimentary colors.



61.6532, 0.2926, 0.2650



87.4523, 0.3076, 0.3115



72.8279, 0.2746, 0.2969



18.4980, 0.3071, 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.



61.6532, 0.2926, 0.2650



55.0938, 0.2873, 0.2501



66.8808, 0.3148, 0.2691



17.8155, 0.3056, 0.3050



6.1462, 0.2003, 0.0877



0.6632, 0.2126, 0.0945

Inverse Universe

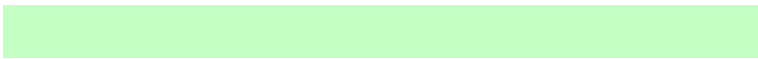
The Inverse Universe completely reimagines the original color for something new.



65.2928, 0.3379, 0.2976



59.4267, 0.3448, 0.2906



87.0231, 0.3101, 0.3968



18.1414, 0.3214, 0.3170



11.9787, 0.4926, 0.2487



1.1884, 0.4676, 0.2350

Previews

White Background



This preview shows how the Yxy color 61.6509, 0.2926, 0.2650 looks on a white background.

Color Contrast Check

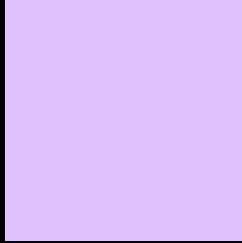
Large Text (above 18pt) WCAG AA × Fail

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 61.6509, 0.2926, 0.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

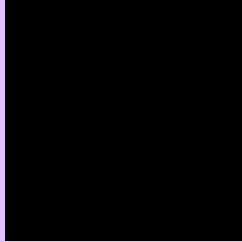
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6509, 0.2926, 0.2650

Background



This preview shows how black text looks on a background with the Yxy color 61.6509, 0.2926, 0.2650.

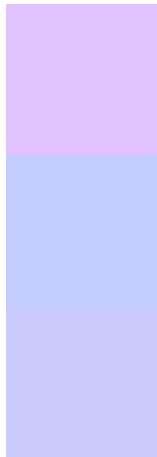


This preview shows how white text looks on a background with the Yxy color 61.6509, 0.2926, 0.2650.

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

61.6509, 0.2926, 0.2650

Protanopia

61.8751, 0.2726, 0.2725

Deuteranopia

61.8895, 0.2789, 0.2731



Tritanopia

61.6885, 0.3143, 0.3111

Trichromacy



Original Color

61.6509, 0.2926, 0.2650

Protanomaly

61.5077, 0.2796, 0.2692

Deuteranomaly

61.7042, 0.2836, 0.2696

Tritanomaly

61.3733, 0.3060, 0.2928

Monochromacy



Original Color

61.6509, 0.2926, 0.2650

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.1238, 0.3056, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6509, 0.2926, 0.2650 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(224, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 194, 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(224, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.6509, 0.2926, 0.2650 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(224, 194, 255) }
```

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

```
.border{ border-color:rgb(224, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6509, 0.2926, 0.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 194, 255) }
```

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

```
.background{ background-color: rgb(224,  
194, 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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