

Converting Colors

Yxy(61.7961, 0.2986, 0.2633)

Have a look what the booklet for
Yxy(61.7961, 0.2986, 0.2633)
contains.

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Color

Yxy(61.6374, 0.2984, 0.2629)

Conversions

Conversions Part 1

Format	Color
Hex	E8BFFF
RGB	232, 191, 255
RGB Percent	91%, 75%, 100%
CMY	0.0903, 0.2510, 0.0000
CMYK	0.09, 0.25, 0.00, 0.00
HSL	278°, 100%, 87%
HSV	278°, 25%, 100%
XYZ	69.9604, 61.6374, 102.8540
YIQ	210.5550, 3.8920, 28.5960

Conversions

Conversions Part 2

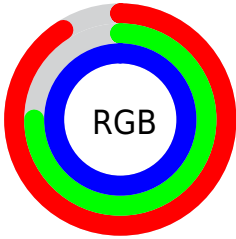
Format	Color
R_{YB}	232, 191, 255
Decimal	15253503
CIE Lab	82.72, 25.93, -26.03
CIE LCh	83, 36.742, 314.889
Yxy	61.6374, 0.2984, 0.2629
Android (android.graphics.Color)	4293443583 (0xFFE8BFFF)
YUV	210.5550, 21.9114, 18.8073
Hunter-Lab	78.5095, 21.6712, -22.7182

Details

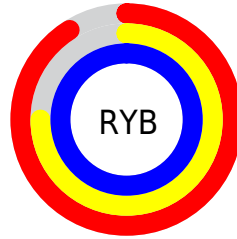
The Yxy color $61.6374, 0.2984, 0.2629$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.5815, 0.3237, 0.3977$, and the grayscale version is $64.6819, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $31.1986, 0.2946, 0.2481$ is the 20% darker color. If you saturate the color by 10%, you get $49.9712, 0.2910, 0.2347$, and if you desaturate by 10%, it is $75.3194, 0.3048, 0.2904$.

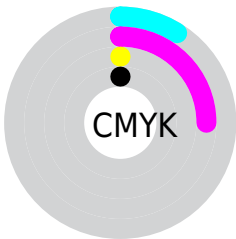
Distribution



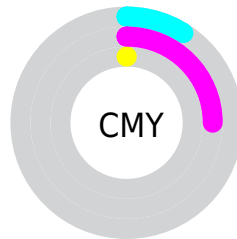
- Red (91%)
- Green (75%)
- Blue (100%)



- Red (91%)
- Yellow (75%)
- Blue (100%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6374, 0.2984, 0.2629 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 61.6374, 0.2984, 0.2629 by changing the saturation by 10% instead.


 61.6374, 0.2984,
0.2629

 61.6374, 0.2984,
0.2629


430.6072, 0.3057,
0.2927

 44.7398, 0.2966,
0.2563


 107.2013, 0.3011,
0.2731

 31.2525, 0.2943,
0.2482


136.6364, 0.3021,
0.2771

 20.7912, 0.2912,
0.2382


171.0194, 0.3029,
0.2806

 12.9715, 0.2870,
0.2254

210.7347, 0.3036,
0.2836

 7.4089, 0.2811,
0.2086

256.1668, 0.3043,
0.2863

 3.7191, 0.2720,
0.1855

307.6999, 0.3048,

 1.5177, 0.2568,

0.2887

0.1527

365.7186, 0.3053,
0.2908

0.3011, 0.2351,
0.0768

0.0000, 0.0000,
0.0000

61.6374, 0.2984,
0.2629

61.6374, 0.2984,
0.2629

49.9712, 0.2910,
0.2347

75.3194, 0.3048,
0.2904

40.2199, 0.2827,
0.2065

91.1122, 0.3103,
0.3164

32.2727, 0.2736,
0.1796

100.0000, 0.3127,
0.3290

26.0073, 0.2639,
0.1553

■ 21.2860, 0.2540,
0.1347

■ 17.9481, 0.2442,
0.1189

■ 15.7962, 0.2350,
0.1082

■ 15.0364, 0.2306,
0.1044

Harmonies

Analogous

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



61.6374, 0.2578, 0.2540



61.6374, 0.2984, 0.2629



61.6374, 0.3461, 0.2864

Triad

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



61.6374, 0.2984, 0.2629



61.6374, 0.3975, 0.3912



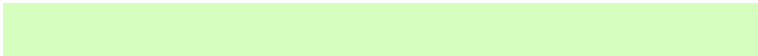
61.6374, 0.2430, 0.3320

Complementary

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



61.6374, 0.2984, 0.2629



89.5815, 0.3237, 0.3977

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.



61.6374, 0.2765, 0.3778



61.6374, 0.2984, 0.2629



61.6374, 0.3659, 0.4118

Square

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



61.6374, 0.2984, 0.2629



61.6374, 0.4058, 0.3573



61.6374, 0.3214, 0.4084



61.6374, 0.2278, 0.2896

Rectangle

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



61.6374, 0.2984, 0.2629



61.6374, 0.3749, 0.3079



61.6374, 0.3214, 0.4084



61.6374, 0.2523, 0.3477

Sweetspot

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



61.6372, 0.2984, 0.2629



86.3027, 0.3088, 0.3090



66.6288, 0.2717, 0.2842



17.9545, 0.3080, 0.3052



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.



61.6372, 0.2984, 0.2629



55.6700, 0.2949, 0.2491



65.2068, 0.3219, 0.2741



17.9545, 0.3080, 0.3052



7.9440, 0.2321, 0.1052



0.8351, 0.2422, 0.1108

Inverse Universe

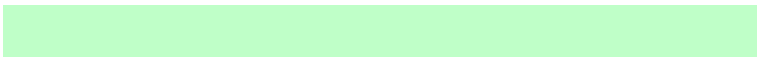
The Inverse Universe completely reimagines the original color for something new.



63.3804, 0.3471, 0.3055



57.7571, 0.3561, 0.3007



86.7457, 0.3047, 0.3909



18.0950, 0.3237, 0.3205



11.5359, 0.5546, 0.2829



1.1432, 0.5232, 0.2656

Previews

White Background



This preview shows how the Yxy color 61.6374, 0.2984, 0.2629 looks on a white background.

Color Contrast Check

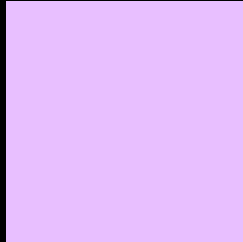
Large Text (above 18pt) WCAG AA × Fail

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 61.6374, 0.2984, 0.2629 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 61.6374, 0.2984, 0.2629

Background



This preview shows how black text looks on a background with the Yxy color 61.6374, 0.2984, 0.2629.



This preview shows how white text looks on a background with the Yxy color 61.6374, 0.2984, 0.2629.

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

61.6374, 0.2984, 0.2629

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.8895, 0.2789, 0.2731



Tritanopia

61.8706, 0.3229, 0.3125

Trichromacy



Original Color

61.6374, 0.2984, 0.2629

Protanomaly

61.3322, 0.2809, 0.2683

Deuteranomaly

61.6901, 0.2856, 0.2689

Tritanomaly

61.6310, 0.3136, 0.2934

Monochromacy



Original Color

61.6374, 0.2984, 0.2629

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.7919, 0.3079, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6374, 0.2984, 0.2629 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(232, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 191, 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(232, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.6374, 0.2984, 0.2629 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(232, 191, 255) }
```

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

```
.border{ border-color:rgb(232, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6374, 0.2984, 0.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 191, 255) }
```

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

```
.background{ background-color: rgb(232,  
191, 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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