

Converting Colors

Yxy(61.4370, 0.2867, 0.2515)

Have a look what the booklet for
Yxy(61.4370, 0.2867, 0.2515)
contains.

Yxy(60.6504, 0.2940, 0.2621)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6504, 0.2940, 0.2621)

Conversions

Conversions Part 1

Format	Color
Hex	E2BFFF
RGB	226, 191, 255
RGB Percent	89%, 75%, 100%
CMY	0.1139, 0.2509, 0.0000
CMYK	0.11, 0.25, 0.00, 0.00
HSL	273°, 100%, 87%
HSV	273°, 25%, 100%
XYZ	68.0321, 60.6504, 102.7192
YIQ	208.7610, 0.3160, 27.3240

Conversions

Conversions Part 2

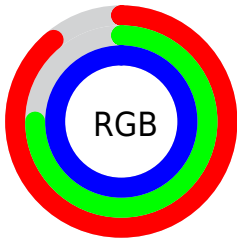
Format	Color
R _Y B	226, 191, 255
Decimal	14860287
CIE Lab	82.19, 24.03, -26.86
CIE LCh	82, 36.037, 311.815
Yxy	60.6504, 0.2940, 0.2621
Android (android.graphics.Color)	4293050367 (0xFFE2BFFF)
YUV	208.7610, 22.7958, 15.1186
Hunter-Lab	77.8784, 19.6449, -23.6869

Details

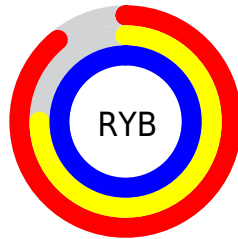
The Yxy color $60.6504, 0.2940, 0.2621$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90.5013, 0.3276, 0.3969$, and the grayscale version is $63.4442, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $30.5146, 0.2888, 0.2468$ is the 20% darker color. If you saturate the color by 10%, you get $48.6728, 0.2844, 0.2329$, and if you desaturate by 10%, it is $74.6954, 0.3024, 0.2901$.

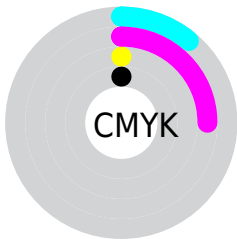
Distribution



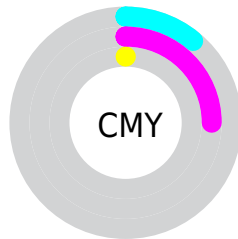
- Red (89%)
- Green (75%)
- Blue (100%)



- Red (89%)
- Yellow (75%)
- Blue (100%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6504, 0.2940, 0.2621 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 60.6504, 0.2940, 0.2621 by changing the saturation by 10% instead.

 60.6504, 0.2940,
0.2621

 60.6504, 0.2940,
0.2621


426.9910, 0.3034,
0.2924

 43.9431, 0.2917,
0.2554


 105.7726, 0.2974,
0.2725

 30.6258, 0.2888,
0.2471


134.9562, 0.2987,
0.2766

 20.3141, 0.2850,
0.2369

169.0675, 0.2997,
0.2801

 12.6235, 0.2798,
0.2238

208.4907, 0.3007,
0.2832

 7.1698, 0.2726,
0.2065

253.6102, 0.3015,
0.2859

 3.5685, 0.2615,
0.1828

304.8105, 0.3022,

 1.4353, 0.2435,

0.2883

0.1491

362.4760, 0.3028,
0.2905

0.2425, 0.2181,
0.0647

0.0000, 0.0000,
0.0000

60.6504, 0.2940,
0.2621

60.6504, 0.2940,
0.2621

48.6728, 0.2844,
0.2329

74.6954, 0.3024,
0.2901

38.6523, 0.2737,
0.2035

90.8958, 0.3095,
0.3164

30.4794, 0.2621,
0.1749

99.9993, 0.3127,
0.3290

24.0307, 0.2499,
0.1488

■ 19.1668, 0.2376,
0.1264

■ 15.7259, 0.2257,
0.1091

■ 13.5087, 0.2148,
0.0972

■ 12.7291, 0.2097,
0.0929

Harmonies

Analogous

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



60.6504, 0.2552, 0.2550



60.6504, 0.2940, 0.2621



60.6504, 0.3409, 0.2840

Triad

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



60.6504, 0.2940, 0.2621



60.6504, 0.3984, 0.3874



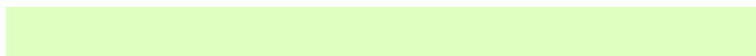
60.6504, 0.2465, 0.3367

Complementary

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



60.6504, 0.2940, 0.2621



90.5013, 0.3276, 0.3969

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.



60.6504, 0.2812, 0.3811



60.6504, 0.2940, 0.2621



60.6504, 0.3692, 0.4095

Square

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



60.6504, 0.2940, 0.2621



60.6504, 0.4038, 0.3532



60.6504, 0.3261, 0.4088



60.6504, 0.2295, 0.2939

Rectangle

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



60.6504, 0.2940, 0.2621



60.6504, 0.3701, 0.3048



60.6504, 0.3261, 0.4088



60.6504, 0.2564, 0.3523

Sweetspot

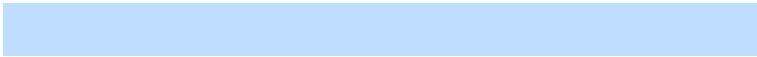
The Sweet Spot groups the original color and five complimentary colors.



60.6529, 0.2940, 0.2621



85.9537, 0.3075, 0.3090



69.9458, 0.2724, 0.2915



17.8665, 0.3065, 0.3050



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.



60.6529, 0.2940, 0.2621



54.5186, 0.2895, 0.2479



65.6132, 0.3172, 0.2683



17.8665, 0.3065, 0.3050



6.7417, 0.2114, 0.0938



0.7214, 0.2231, 0.1003

Inverse Universe

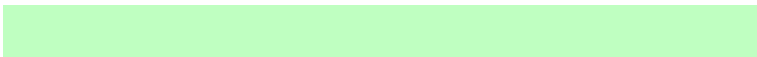
The Inverse Universe completely reimagines the original color for something new.



63.7009, 0.3422, 0.2995



58.1157, 0.3499, 0.2934



86.4503, 0.3082, 0.3983



18.1242, 0.3223, 0.3183



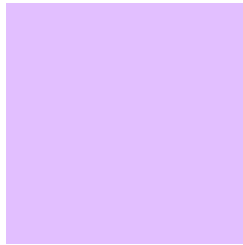
11.7939, 0.5160, 0.2616



1.1700, 0.4881, 0.2463

Previews

White Background



This preview shows how the Yxy color 60.6504, 0.2940, 0.2621 looks on a white background.

Color Contrast Check

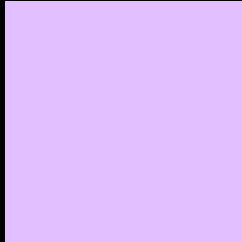
Large Text (above 18pt) WCAG AA × Fail

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 60.6504, 0.2940, 0.2621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

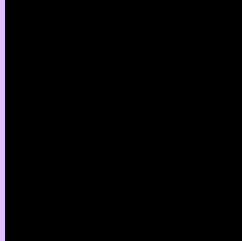
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6504, 0.2940, 0.2621

Background



This preview shows how black text looks on a background with the Yxy color 60.6504, 0.2940, 0.2621.

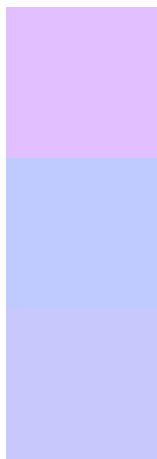


This preview shows how white text looks on a background with the Yxy color 60.6504, 0.2940, 0.2621.

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

60.6504, 0.2940, 0.2621

Protanopia

61.0082, 0.2705, 0.2711

Deuteranopia

60.6798, 0.2774, 0.2706



Tritanopia

60.7620, 0.3174, 0.3122

Trichromacy



Original Color

60.6504, 0.2940, 0.2621

Protanomaly

60.9042, 0.2788, 0.2679

Deuteranomaly

60.6436, 0.2827, 0.2673

Tritanomaly

60.6666, 0.3090, 0.2929

Monochromacy



Original Color

60.6504, 0.2940, 0.2621

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.1791, 0.3057, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6504, 0.2940, 0.2621 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(226, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.6504, 0.2940, 0.2621 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(226, 191, 255) }
```

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

```
.border{ border-color:rgb(226, 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(226, 191, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6504, 0.2940, 0.2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 255) }
```

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

```
.background{ background-color: rgb(226,  
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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