

Converting Colors

$Y_{xy}(60.3835, 0.2923, 0.2620)$

Have a look what the booklet for
Yxy(60.3835, 0.2923, 0.2620)
contains.

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Color

Yxy(60.3289, 0.2926, 0.2618)

Conversions

Conversions Part 1

Format	Color
Hex	E0BFFF
RGB	224, 191, 255
RGB Percent	88%, 75%, 100%
CMY	0.1214, 0.2510, 0.0001
CMYK	0.12, 0.25, 0.00, 0.00
HSL	271°, 100%, 87%
HSV	271°, 25%, 100%
XYZ	67.4264, 60.3289, 102.6836
YIQ	208.1630, -0.8760, 26.9000

Conversions

Conversions Part 2

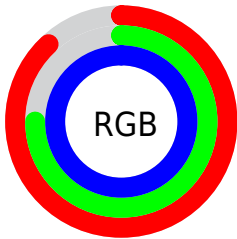
Format	Color
R_{YB}	224, 191, 255
Decimal	14729215
CIE _{Lab}	82.02, 23.45, -27.14
CIE _{LCh}	82, 35.861, 310.827
Yxy	60.3289, 0.2926, 0.2618
Android (android.graphics.Color)	4292919295 (0xFFE0BFFF)
YUV	208.1630, 23.0906, 13.8890
Hunter-Lab	77.6717, 19.0296, -24.0124

Details

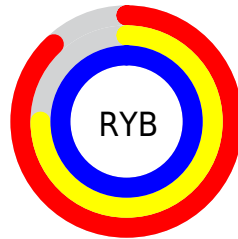
The Yxy color $60.3289, 0.2926, 0.2618$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90.7915, 0.3288, 0.3966$, and the grayscale version is $63.0389, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $30.2934, 0.2869, 0.2463$ is the 20% darker color. If you saturate the color by 10%, you get $48.2617, 0.2824, 0.2323$, and if you desaturate by 10%, it is $74.4799, 0.3016, 0.2900$.

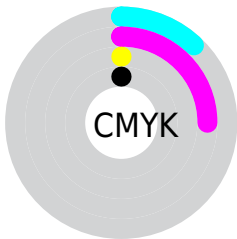
Distribution



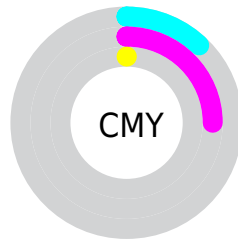
- Red (88%)
- Green (75%)
- Blue (100%)



- Red (88%)
- Yellow (75%)
- Blue (100%)



- Cyan (12%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (12%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3289, 0.2926, 0.2618 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 60.3289, 0.2926, 0.2618 by changing the saturation by 10% instead.


 60.3289, 0.2926,
0.2618

 60.3289, 0.2926,
0.2618


425.8090, 0.3026,
0.2923

 43.6838, 0.2902,
0.2550


 105.3066, 0.2962,
0.2722

 30.4220, 0.2871,
0.2467


134.4080, 0.2976,
0.2763

 20.1591, 0.2830,
0.2364

168.4303, 0.2987,
0.2799

 12.5108, 0.2776,
0.2232

207.7579, 0.2997,
0.2830

 7.0925, 0.2698,
0.2058

252.7752, 0.3006,
0.2857

 3.5200, 0.2582,
0.1819

303.8665, 0.3014,

 1.4089, 0.2392,

0.2882

0.1478

361.4164, 0.3020,
0.2903

0.2233, 0.2126,
0.0605

0.0000, 0.0000,
0.0000

60.3289, 0.2926,
0.2618

60.3289, 0.2926,
0.2618

48.2617, 0.2824,
0.2323

74.4799, 0.3016,
0.2900

38.1675, 0.2709,
0.2025

90.8032, 0.3093,
0.3164

29.9362, 0.2586,
0.1735

99.9989, 0.3127,
0.3290

23.4438, 0.2456,
0.1468

■ 18.5503, 0.2326,
0.1239

■ 15.0932, 0.2202,
0.1061

■ 12.8726, 0.2088,
0.0939

■ 12.0968, 0.2036,
0.0895

Harmonies

Analogous

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



60.3289, 0.2544, 0.2552



60.3289, 0.2926, 0.2618



60.3289, 0.3393, 0.2832

Triad

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



60.3289, 0.2926, 0.2618



60.3289, 0.3987, 0.3863



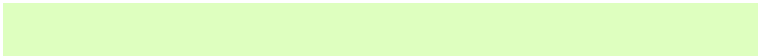
60.3289, 0.2476, 0.3383

Complementary

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



60.3289, 0.2926, 0.2618



90.7915, 0.3288, 0.3966

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.



60.3289, 0.2827, 0.3822



60.3289, 0.2926, 0.2618



60.3289, 0.3703, 0.4089

Square

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



60.3289, 0.2926, 0.2618



60.3289, 0.4032, 0.3520



60.3289, 0.3276, 0.4090



60.3289, 0.2300, 0.2953

Rectangle

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



60.3289, 0.2926, 0.2618



60.3289, 0.3686, 0.3037



60.3289, 0.3276, 0.4090



60.3289, 0.2576, 0.3537

Sweetspot

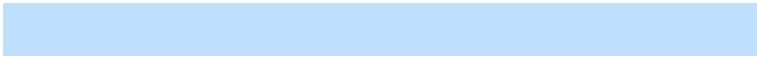
The Sweet Spot groups the original color and five complimentary colors.



60.3314, 0.2926, 0.2618



85.8443, 0.3071, 0.3089



71.0644, 0.2726, 0.2939



17.8390, 0.3060, 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.



60.3314, 0.2926, 0.2618



54.1655, 0.2877, 0.2475



65.7354, 0.3157, 0.2663



17.8390, 0.3060, 0.3050



6.4111, 0.2053, 0.0905



0.6893, 0.2174, 0.0971

Inverse Universe

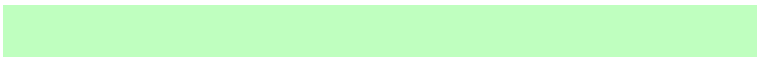
The Inverse Universe completely reimagines the original color for something new.



63.7874, 0.3407, 0.2976



58.2322, 0.3479, 0.2911



86.3465, 0.3093, 0.4008



18.1335, 0.3218, 0.3176



11.8903, 0.5034, 0.2547



1.1797, 0.4770, 0.2402

Previews

White Background



This preview shows how the Yxy color 60.3289, 0.2926, 0.2618 looks on a white background.

Color Contrast Check

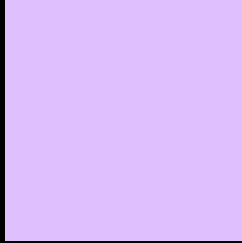
Large Text (above 18pt) WCAG AA × Fail

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 60.3289, 0.2926, 0.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

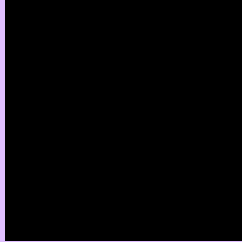
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3289, 0.2926, 0.2618

Background



This preview shows how black text looks on a background with the Yxy color 60.3289, 0.2926, 0.2618.

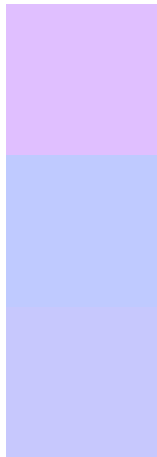


This preview shows how white text looks on a background with the Yxy color 60.3289, 0.2926, 0.2618.

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

60.3289, 0.2926, 0.2618

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.5425, 0.2767, 0.2705



Tritanopia

60.4536, 0.3158, 0.3121

Trichromacy



Original Color

60.3289, 0.2926, 0.2618

Protanomaly

60.3047, 0.2781, 0.2667

Deuteranomaly

60.4982, 0.2820, 0.2672

Tritanomaly

60.3526, 0.3075, 0.2927

Monochromacy



Original Color

60.3289, 0.2926, 0.2618

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.9734, 0.3056, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3289, 0.2926, 0.2618 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, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.3289, 0.2926, 0.2618 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, 191, 255) }
```

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

```
.border{ border-color:rgb(224, 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(224, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3289, 0.2926, 0.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 191, 255) }
```

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

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