

Converting Colors

$Yxy(60.5933, 0.3020, 0.2991)$

Have a look what the booklet for
Yxy(60.5933, 0.3020, 0.2991)
contains.

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Color

Yxy(60.7035, 0.3020, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	D3C8E3
RGB	211, 200, 227
RGB Percent	83%, 78%, 89%
CMY	0.1727, 0.2156, 0.1098
CMYK	0.07, 0.12, 0.00, 0.11
HSL	264°, 33%, 84%
HSV	264°, 12%, 89%
XYZ	61.3741, 60.7035, 81.1480
YIQ	206.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

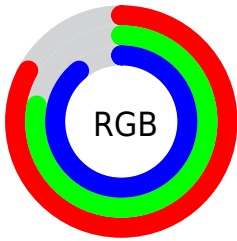
Format	Color
R _Y B	211, 200, 227
Decimal	13879523
CIE Lab	82.22, 8.81, -11.99
CIE LCh	82, 14.876, 306.314
Yxy	60.7035, 0.3020, 0.2987
Android (android.graphics.Color)	4292069603 (0xFFD3C8E3)
YUV	206.3670, 10.1721, 4.0631
Hunter-Lab	77.9125, 4.2634, -7.2135

Details

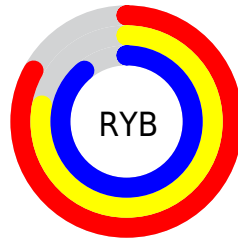
The Yxy color $60.7035, 0.3020, 0.2987$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $73.7103, 0.3225, 0.3590$, and the grayscale version is $61.9018, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.6042, 0.2985, 0.2906$ is the 20% darker color. If you saturate the color by 10%, you get $49.0507, 0.2914, 0.2707$, and if you desaturate by 10%, it is $74.0896, 0.3111, 0.3244$.

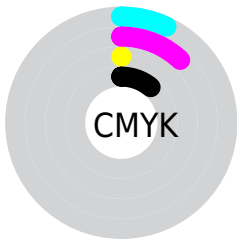
Distribution



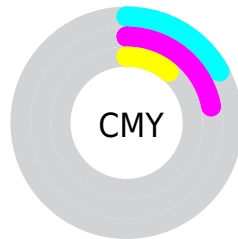
- Red (83%)
- Green (78%)
- Blue (89%)



- Red (83%)
- Yellow (78%)
- Blue (89%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7035, 0.3020, 0.2987 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 60.7035, 0.3020, 0.2987 by changing the saturation by 10% instead.

■ 60.7035, 0.3020,
0.2987

■ 60.7035, 0.3020,
0.2987

427.1860, 0.3072,
0.3129

■ 43.9859, 0.3007,
0.2954

105.8495, 0.3039,
0.3037

■ 30.6594, 0.2992,
0.2913

135.0467, 0.3046,
0.3056

■ 20.3397, 0.2971,
0.2861

169.1726, 0.3052,
0.3072

■ 12.6422, 0.2943,
0.2792

208.6116, 0.3057,
0.3087

■ 7.1826, 0.2904,
0.2697

253.7480, 0.3061,
0.3099

■ 3.5766, 0.2843,
0.2558

304.9663, 0.3065,

■ 1.4396, 0.2739,

0.3110

0.2336

362.6508, 0.3069,
0.3120

■ 0.2457, 0.2483,
0.1360

■ 0.0000, 0.0000,
0.0000

■ 60.7035, 0.3020,
0.2987

■ 60.7035, 0.3020,
0.2987

■ 49.0507, 0.2914,
0.2707

■ 74.0896, 0.3111,
0.3244

■ 39.0507, 0.2793,
0.2408

■ 89.2694, 0.3189,
0.3477

■ 30.6284, 0.2658,
0.2099

■ 97.6544, 0.3269,
0.3564

■ 23.6994, 0.2511,
0.1789

■ 98.3256, 0.3292,
0.3562

■ 18.1713, 0.2358,
0.1496

■ 13.9411, 0.2206,
0.1235

■ 10.8906, 0.2061,
0.1023

■ 8.8791, 0.1932,
0.0871

■ 7.8266, 0.1841,
0.0788

Harmonies

Analogous

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



60.7035, 0.2861, 0.2975



60.7035, 0.3020, 0.2987



60.7035, 0.3213, 0.3074

Triad

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



60.7035, 0.3020, 0.2987



60.7035, 0.3493, 0.3524



60.7035, 0.2872, 0.3361

Complementary

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



60.7035, 0.3020, 0.2987



73.7103, 0.3225, 0.3590

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.



60.7035, 0.3035, 0.3522



60.7035, 0.3020, 0.2987



60.7035, 0.3395, 0.3614

Square

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



60.7035, 0.3020, 0.2987



60.7035, 0.3490, 0.3377



60.7035, 0.3226, 0.3615



60.7035, 0.2777, 0.3185

Rectangle

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



60.7035, 0.3020, 0.2987



60.7035, 0.3334, 0.3163



60.7035, 0.3226, 0.3615



60.7035, 0.2920, 0.3419

Sweetspot

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



60.7061, 0.3020, 0.2987



92.5324, 0.3093, 0.3191



67.0428, 0.2943, 0.3167



19.5142, 0.3086, 0.3172



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.



60.7061, 0.3020, 0.2987



75.4960, 0.2998, 0.2927



62.7569, 0.3120, 0.2996



14.1712, 0.3043, 0.3052



4.6289, 0.1856, 0.0796



0.3951, 0.2020, 0.0887

Inverse Universe

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



62.6067, 0.3220, 0.3115



78.4015, 0.3240, 0.3081



71.7610, 0.3131, 0.3598



14.5110, 0.3200, 0.3151



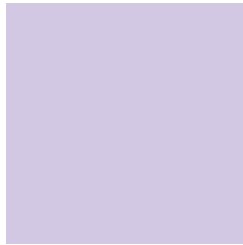
10.5662, 0.4560, 0.2286



0.7991, 0.4309, 0.2147

Previews

White Background



This preview shows how the Yxy color 60.7035, 0.3020, 0.2987 looks on a white background.

Color Contrast Check

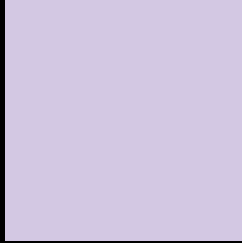
Large Text (above 18pt) WCAG AA × Fail

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 60.7035, 0.3020, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

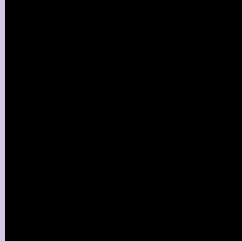
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

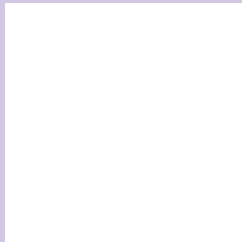
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7035, 0.3020, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 60.7035, 0.3020, 0.2987.



This preview shows how white text looks on a background with the Yxy color 60.7035, 0.3020, 0.2987.

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

60.7035, 0.3020, 0.2987

Protanopia

60.7865, 0.2934, 0.2993

Deuteranopia

60.6890, 0.3043, 0.2977



Tritanopia

60.8583, 0.3067, 0.3108

Trichromacy



Original Color

60.7035, 0.3020, 0.2987

Protanomaly

60.8216, 0.2969, 0.2995

Deuteranomaly

60.5390, 0.3035, 0.2977

Tritanomaly

60.6954, 0.3054, 0.3063

Monochromacy



Original Color

60.7035, 0.3020, 0.2987

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.4507, 0.3087, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7035, 0.3020, 0.2987 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(211, 200, 227)` looks like.

```
.text, #text, p{  
    color:rgb(211, 200, 227)  
}
```

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(211, 200, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 200, 227) }
```

Border

The CSS property to change the border of an element to Yxy 60.7035, 0.3020, 0.2987 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(211, 200, 227) }
```

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

```
.border{ border-color:rgb(211, 200, 227) }
```

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

Here you see how a box with a 4 pixel rgb(211, 200, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 200, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 200, 227);  
box-shadow:4px 4px 4px 4px rgb(211, 200,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7035, 0.3020, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 200, 227) }
```

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

```
.background{ background-color: rgb(211,  
200, 227) }
```

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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