

Converting Colors

$Y_{xy}(62.9680, 0.2964, 0.2975)$

Have a look what the booklet for
Yxy(62.9680, 0.2964, 0.2975)
contains.

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Color

Yxy(63.1011, 0.2965, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	D1CDE9
RGB	209, 205, 233
RGB Percent	82%, 80%, 91%
CMY	0.1806, 0.1960, 0.0862
CMYK	0.10, 0.12, 0.00, 0.09
HSL	248°, 39%, 86%
HSV	248°, 12%, 91%
XYZ	62.8256, 63.1011, 85.9641
YIQ	209.3880, -6.6040, 9.5560

Conversions

Conversions Part 2

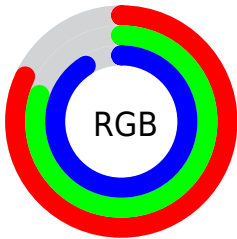
Format	Color
R_{YB}	209, 205, 233
Decimal	13749737
CIE _{Lab}	83.50, 6.69, -13.30
CIE _{LCh}	83, 14.891, 296.688
Yxy	63.1011, 0.2965, 0.2978
Android (android.graphics.Color)	4291939817 (0xFFD1CDE9)
YUV	209.3880, 11.6407, -0.3403
Hunter-Lab	79.4362, 2.1613, -8.5570

Details

The Yxy color $63.1011, 0.2965, 0.2978$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $79.3595, 0.3279, 0.3589$, and the grayscale version is $63.9511, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.1776, 0.2923, 0.2909$ is the 20% darker color. If you saturate the color by 10%, you get $50.0346, 0.2809, 0.2685$, and if you desaturate by 10%, it is $78.1998, 0.3102, 0.3241$.

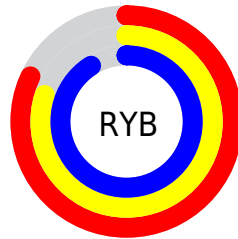
Distribution



Red (82%)

Green (80%)

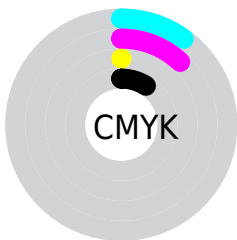
Blue (91%)



Red (82%)

Yellow (80%)

Blue (91%)

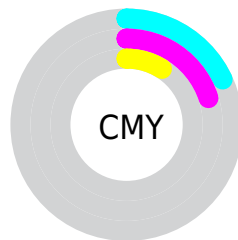


Cyan (10%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (18%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1011, 0.2965, 0.2978 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 63.1011, 0.2965, 0.2978 by changing the saturation by 10% instead.

■ 63.1011, 0.2965,
0.2978

■ 63.1011, 0.2965,
0.2978

435.9363, 0.3043,
0.3124

■ 45.9230, 0.2947,
0.2944

109.3154, 0.2992,
0.3029

■ 32.1851, 0.2924,
0.2903

139.1203, 0.3003,
0.3048

■ 21.5029, 0.2894,
0.2850

173.9030, 0.3012,
0.3065

■ 13.4921, 0.2855,
0.2780

214.0478, 0.3020,
0.3080

■ 7.7683, 0.2800,
0.2685

259.9392, 0.3026,
0.3093

■ 3.9470, 0.2717,
0.2547

311.9614, 0.3032,

■ 1.6440, 0.2581,

0.3104

0.2328

370.4990, 0.3038,
0.3115

■ 0.3870, 0.2285,
0.1665

■ 0.0000, 0.0000,
0.0000

■ 63.1011, 0.2965,
0.2978

■ 63.1011, 0.2965,
0.2978

■ 50.0346, 0.2809,
0.2685

■ 78.1998, 0.3102,
0.3241

■ 38.9057, 0.2634,
0.2364

■ 95.4041, 0.3220,
0.3473

■ 29.6241, 0.2444,
0.2025

■ 98.6636, 0.3256,
0.3503

■ 22.0891, 0.2246,
0.1681

■ 16.1904, 0.2050,
0.1353

■ 11.8050, 0.1870,
0.1065

■ 8.7923, 0.1718,
0.0840

■ 6.9846, 0.1607,
0.0693

■ 6.2040, 0.1548,
0.0627

Harmonies

Analogous

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



63.1011, 0.2827, 0.2992



63.1011, 0.2965, 0.2978



63.1011, 0.3150, 0.3042

Triad

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



63.1011, 0.2965, 0.2978



63.1011, 0.3499, 0.3479



63.1011, 0.2921, 0.3416

Complementary

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



63.1011, 0.2965, 0.2978



79.3595, 0.3279, 0.3589

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.



63.1011, 0.3096, 0.3558



63.1011, 0.2965, 0.2978



63.1011, 0.3432, 0.3590

Square

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



63.1011, 0.2965, 0.2978



63.1011, 0.3463, 0.3324



63.1011, 0.3284, 0.3621



63.1011, 0.2802, 0.3241

Rectangle

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



63.1011, 0.2965, 0.2978



63.1011, 0.3276, 0.3120



63.1011, 0.3284, 0.3621



63.1011, 0.2975, 0.3470

Sweetspot

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



63.1038, 0.2965, 0.2978



92.0395, 0.3076, 0.3191



75.0565, 0.2943, 0.3249



19.3898, 0.3066, 0.3171



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.



63.1038, 0.2965, 0.2978



73.9396, 0.2934, 0.2920



65.2017, 0.3065, 0.2987



14.6507, 0.3002, 0.3048



3.5514, 0.1556, 0.0631



0.3108, 0.1660, 0.0688

Inverse Universe

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



66.6564, 0.3169, 0.3035



78.9800, 0.3177, 0.2990



77.1804, 0.3182, 0.3598



15.2752, 0.3159, 0.3090



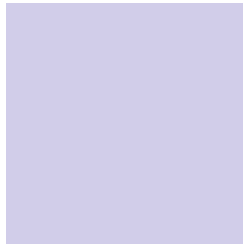
12.2148, 0.3600, 0.1757



0.9692, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 63.1011, 0.2965, 0.2978 looks on a white background.

Color Contrast Check

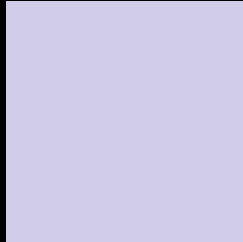
Large Text (above 18pt) WCAG AA × Fail

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 63.1011, 0.2965, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

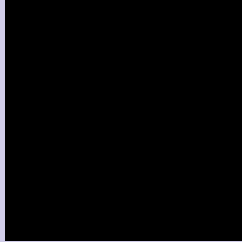
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1011, 0.2965, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 63.1011, 0.2965, 0.2978.

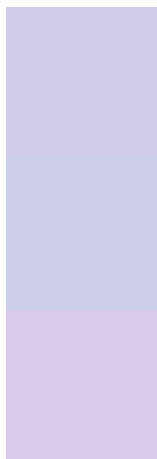


This preview shows how white text looks on a background with the Yxy color 63.1011, 0.2965, 0.2978.

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

63.1011, 0.2965, 0.2978

Protanopia

62.9205, 0.2924, 0.2975

Deuteranopia

63.2513, 0.3009, 0.2950



Tritanopia

63.2188, 0.3017, 0.3109

Trichromacy



Original Color

63.1011, 0.2965, 0.2978

Protanomaly

63.2049, 0.2938, 0.2977

Deuteranomaly

63.2724, 0.2987, 0.2959

Tritanomaly

63.0986, 0.2998, 0.3054

Monochromacy



Original Color

63.1011, 0.2965, 0.2978

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7290, 0.3066, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1011, 0.2965, 0.2978 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(209, 205, 233)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 233)  
}
```

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(209, 205, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 233) }
```

Border

The CSS property to change the border of an element to Yxy 63.1011, 0.2965, 0.2978 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(209, 205, 233) }
```

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

```
.border{ border-color:rgb(209, 205, 233) }
```

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

Here you see how a box with a 4 pixel rgb(209, 205, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 233);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1011, 0.2965, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 233) }
```

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

```
.background{ background-color: rgb(209,  
205, 233) }
```

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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