

Converting Colors

$Y_{xy}(62.6752, 0.2953, 0.2914)$

Have a look what the booklet for
Yxy(62.6752, 0.2953, 0.2914)
contains.

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Color

Yxy(62.6752, 0.2953, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	D3CBED
RGB	211, 203, 237
RGB Percent	83%, 80%, 93%
CMY	0.1725, 0.2039, 0.0705
CMYK	0.11, 0.14, 0.00, 0.07
HSL	254°, 49%, 86%
HSV	254°, 14%, 93%
XYZ	63.5140, 62.6752, 88.8938
YIQ	209.2680, -6.1460, 12.2700

Conversions

Conversions Part 2

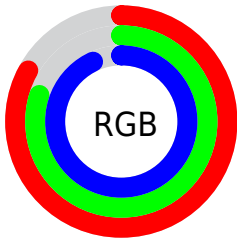
Format	Color
R _Y B	211, 203, 237
Decimal	13880301
CIE Lab	83.27, 9.24, -15.77
CIE LCh	83, 18.276, 300.371
Yxy	62.6752, 0.2953, 0.2914
Android (android.graphics.Color)	4292070381 (0xFFD3CBED)
YUV	209.2680, 13.6719, 1.5190
Hunter-Lab	79.1677, 4.6622, -11.1567

Details

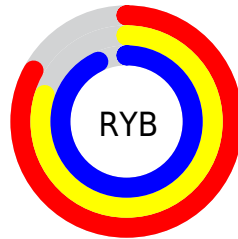
The Yxy color $62.6752, 0.2953, 0.2914$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81.5565, 0.3286, 0.3652$, and the grayscale version is $63.8607, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.8990, 0.2907, 0.2827$ is the 20% darker color. If you saturate the color by 10%, you get $49.7992, 0.2810, 0.2619$, and if you desaturate by 10%, it is $77.5694, 0.3078, 0.3182$.

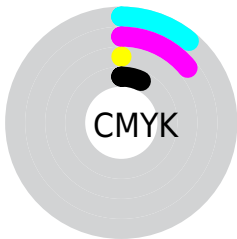
Distribution



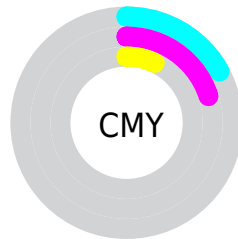
- Red (83%)
- Green (80%)
- Blue (93%)



- Red (83%)
- Yellow (80%)
- Blue (93%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6752, 0.2953, 0.2914 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 62.6752, 0.2953, 0.2914 by changing the saturation by 10% instead.

■ 62.6752, 0.2953,
0.2914

■ 62.6752, 0.2953,
0.2914

434.3898, 0.3037,
0.3089

■ 45.5785, 0.2933,
0.2874

108.7008, 0.2983,
0.2975

■ 31.9133, 0.2908,
0.2824

138.3985, 0.2994,
0.2998

■ 21.2953, 0.2876,
0.2762

173.0653, 0.3004,
0.3019

■ 13.3400, 0.2833,
0.2680

213.0856, 0.3012,
0.3036

■ 7.6631, 0.2773,
0.2568

258.8438, 0.3019,
0.3052

■ 3.8801, 0.2683,
0.2407

310.7243, 0.3026,

■ 1.6067, 0.2534,

0.3066

0.2157

369.1115, 0.3032,
0.3078

0.3621, 0.2250,
0.1430

0.0000, 0.0000,
0.0000

62.6752, 0.2953,
0.2914

62.6752, 0.2953,
0.2914

49.7992, 0.2810,
0.2619

77.5694, 0.3078,
0.3182

38.8460, 0.2650,
0.2300

94.5559, 0.3186,
0.3422

29.7243, 0.2475,
0.1968

98.8963, 0.3232,
0.3463

22.3323, 0.2291,
0.1637

■ 16.5578, 0.2108,
0.1327

■ 12.2752, 0.1936,
0.1058

■ 9.3398, 0.1787,
0.0850

■ 7.5764, 0.1670,
0.0715

■ 6.9545, 0.1619,
0.0666

Harmonies

Analogous

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



62.6752, 0.2775, 0.2918



62.6752, 0.2953, 0.2914



62.6752, 0.3183, 0.3002

Triad

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



62.6752, 0.2953, 0.2914



62.6752, 0.3582, 0.3540



62.6752, 0.2851, 0.3419

Complementary

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



62.6752, 0.2953, 0.2914



81.5565, 0.3286, 0.3652

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.



62.6752, 0.3059, 0.3605



62.6752, 0.2953, 0.2914



62.6752, 0.3484, 0.3669

Square

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



62.6752, 0.2953, 0.2914



62.6752, 0.3554, 0.3354



62.6752, 0.3291, 0.3697



62.6752, 0.2718, 0.3201

Rectangle

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



62.6752, 0.2953, 0.2914



62.6752, 0.3337, 0.3102



62.6752, 0.3291, 0.3697



62.6752, 0.2914, 0.3488

Sweetspot

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



62.6778, 0.2953, 0.2914



92.2155, 0.3082, 0.3191



74.9001, 0.2906, 0.3202



19.4342, 0.3073, 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.



62.6778, 0.2953, 0.2914



69.6421, 0.2916, 0.2837



65.3121, 0.3076, 0.2928



14.7204, 0.3017, 0.3049



3.8455, 0.1632, 0.0673



0.3449, 0.1766, 0.0747

Inverse Universe

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



66.3765, 0.3201, 0.3017



74.7510, 0.3217, 0.2963



78.9057, 0.3170, 0.3665



15.2495, 0.3174, 0.3112



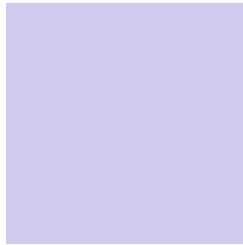
11.6747, 0.3912, 0.1929



0.9314, 0.3794, 0.1864

Previews

White Background



This preview shows how the Yxy color 62.6752, 0.2953, 0.2914 looks on a white background.

Color Contrast Check

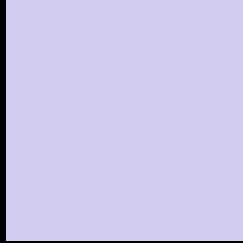
Large Text (above 18pt) WCAG AA × Fail

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 62.6752, 0.2953, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

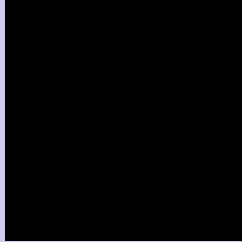
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

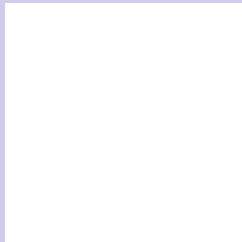
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6752, 0.2953, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 62.6752, 0.2953, 0.2914.



This preview shows how white text looks on a background with the Yxy color 62.6752, 0.2953, 0.2914.

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

62.6752, 0.2953, 0.2914

Protanopia

62.9312, 0.2878, 0.2921

Deuteranopia

62.5016, 0.2967, 0.2905



Tritanopia

62.8264, 0.3032, 0.3109

Trichromacy



Original Color

62.6752, 0.2953, 0.2914

Protanomaly

62.8148, 0.2905, 0.2922

Deuteranomaly

62.3525, 0.2960, 0.2904

Tritanomaly

62.7640, 0.3005, 0.3043

Monochromacy



Original Color

62.6752, 0.2953, 0.2914

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.4418, 0.3067, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6752, 0.2953, 0.2914 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, 203, 237)` looks like.

```
.text, #text, p{  
    color:rgb(211, 203, 237)  
}
```

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, 203, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 203, 237) }
```

Border

The CSS property to change the border of an element to Yxy 62.6752, 0.2953, 0.2914 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, 203, 237) }
```

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

```
.border{ border-color:rgb(211, 203, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 203, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 203, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 203, 237);  
box-shadow:4px 4px 4px 4px rgb(211, 203,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6752, 0.2953, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 203, 237) }
```

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

```
.background{ background-color: rgb(211,  
203, 237) }
```

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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