

Converting Colors

$Yxy(62.0168, 0.2952, 0.2897)$

Have a look what the booklet for
Yxy(62.0168, 0.2952, 0.2897)
contains.

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Color

Yxy(62.2044, 0.2953, 0.2903)

Conversions

Conversions Part 1

Format	Color
Hex	D3CAED
RGB	211, 202, 237
RGB Percent	83%, 79%, 93%
CMY	0.1725, 0.2079, 0.0706
CMYK	0.11, 0.15, 0.00, 0.07
HSL	255°, 49%, 86%
HSV	255°, 15%, 93%
XYZ	63.2758, 62.2044, 88.7961
YIQ	208.6810, -5.8710, 12.7930

Conversions

Conversions Part 2

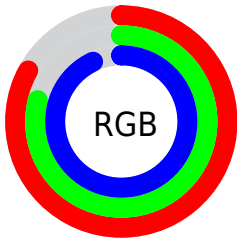
Format	Color
R_{YB}	211, 202, 237
Decimal	13880045
CIE _{Lab}	83.02, 9.77, -16.13
CIE _{LCh}	83, 18.856, 301.197
Yxy	62.2044, 0.2953, 0.2903
Android (android.graphics.Color)	4292070125 (0xFFD3CAED)
YUV	208.6810, 13.9613, 2.0338
Hunter-Lab	78.8698, 5.1852, -11.5432

Details

The Yxy color $62.2044, 0.2953, 0.2903$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81.3267, 0.3285, 0.3664$, and the grayscale version is $63.4557, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5839, 0.2906, 0.2812$ is the 20% darker color. If you saturate the color by 10%, you get $49.4684, 0.2813, 0.2608$, and if you desaturate by 10%, it is $76.9379, 0.3075, 0.3172$.

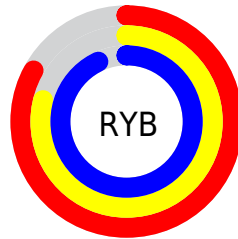
Distribution



Red (83%)

Green (79%)

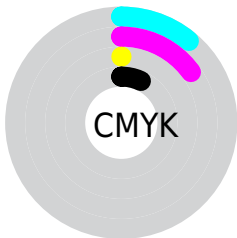
Blue (93%)



Red (83%)

Yellow (79%)

Blue (93%)

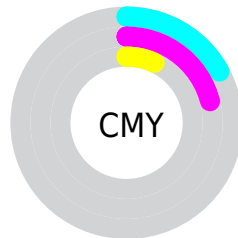


Cyan (11%)

Magenta (15%)

Yellow (0%)

Black (7%)



Cyan (17%)

Magenta (21%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2044, 0.2953, 0.2903 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 62.2044, 0.2953, 0.2903 by changing the saturation by 10% instead.

■ 62.2044, 0.2953,
0.2903

■ 62.2044, 0.2953,
0.2903

432.6763, 0.3037,
0.3083

■ 45.1979, 0.2933,
0.2862

108.0209, 0.2983,
0.2966

■ 31.6133, 0.2908,
0.2811

137.5997, 0.2994,
0.2990

■ 21.0663, 0.2876,
0.2746

172.1379, 0.3004,
0.3011

■ 13.1725, 0.2832,
0.2662

212.0202, 0.3012,
0.3029

■ 7.5474, 0.2772,
0.2546

257.6307, 0.3020,
0.3045

■ 3.8068, 0.2680,
0.2381

309.3540, 0.3026,

■ 1.5661, 0.2529,

0.3059

0.2124

367.5744, 0.3032,
0.3072

0.3346, 0.2239,
0.1346

0.0000, 0.0000,
0.0000

62.2044, 0.2953,
0.2903

62.2044, 0.2953,
0.2903

49.4684, 0.2813,
0.2608

76.9379, 0.3075,
0.3172

38.6352, 0.2657,
0.2291

93.7424, 0.3180,
0.3412

29.6143, 0.2486,
0.1961

98.8948, 0.3232,
0.3464

22.3043, 0.2306,
0.1633

■ 16.5937, 0.2126,
0.1326

■ 12.3577, 0.1956,
0.1061

■ 9.4518, 0.1808,
0.0857

■ 7.7008, 0.1690,
0.0724

■ 7.1103, 0.1641,
0.0678

Harmonies

Analogous

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



62.2044, 0.2768, 0.2904



62.2044, 0.2953, 0.2903



62.2044, 0.3192, 0.2996

Triad

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



62.2044, 0.2953, 0.2903



62.2044, 0.3597, 0.3553



62.2044, 0.2836, 0.3417

Complementary

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



62.2044, 0.2953, 0.2903



81.3267, 0.3285, 0.3664

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.



62.2044, 0.3050, 0.3612



62.2044, 0.2953, 0.2903



62.2044, 0.3492, 0.3684

Square

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



62.2044, 0.2953, 0.2903



62.2044, 0.3571, 0.3362



62.2044, 0.3290, 0.3710



62.2044, 0.2702, 0.3191

Rectangle

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



62.2044, 0.2953, 0.2903



62.2044, 0.3350, 0.3100



62.2044, 0.3290, 0.3710



62.2044, 0.2901, 0.3489

Sweetspot

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



62.2070, 0.2953, 0.2903



92.2563, 0.3084, 0.3191



74.2976, 0.2899, 0.3193



19.4444, 0.3075, 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.



62.2070, 0.2953, 0.2903



68.2319, 0.2909, 0.2808



64.8901, 0.3079, 0.2918



14.7366, 0.3020, 0.3049



3.9350, 0.1654, 0.0685



0.3540, 0.1794, 0.0762

Inverse Universe

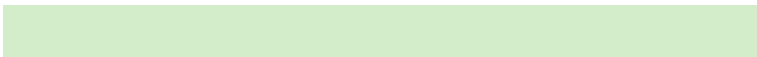
The Inverse Universe completely reimagines the original color for something new.



65.8457, 0.3209, 0.3016



73.3911, 0.3230, 0.2953



78.6479, 0.3167, 0.3677



15.2436, 0.3177, 0.3117



11.5613, 0.3989, 0.1971



0.9233, 0.3857, 0.1899

Previews

White Background



This preview shows how the Yxy color 62.2044, 0.2953, 0.2903 looks on a white background.

Color Contrast Check

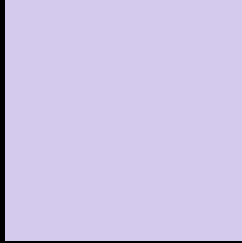
Large Text (above 18pt) WCAG AA × Fail

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 62.2044, 0.2953, 0.2903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

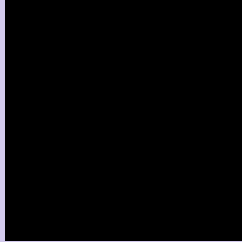
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2044, 0.2953, 0.2903

Background



This preview shows how black text looks on a background with the Yxy color 62.2044, 0.2953, 0.2903.



This preview shows how white text looks on a background with the Yxy color 62.2044, 0.2953, 0.2903.

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

62.2044, 0.2953, 0.2903

Protanopia

62.3121, 0.2870, 0.2908

Deuteranopia

62.3525, 0.2960, 0.2904



Tritanopia

62.2930, 0.3039, 0.3108

Trichromacy



Original Color

62.2044, 0.2953, 0.2903

Protanomaly

62.3379, 0.2904, 0.2910

Deuteranomaly

62.3525, 0.2960, 0.2904

Tritanomaly

62.2871, 0.3005, 0.3031

Monochromacy



Original Color

62.2044, 0.2953, 0.2903

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.9587, 0.3067, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2044, 0.2953, 0.2903 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, 202, 237)` looks like.

```
.text, #text, p{  
    color:rgb(211, 202, 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, 202, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 202, 237) }
```

Border

The CSS property to change the border of an element to Yxy 62.2044, 0.2953, 0.2903 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, 202, 237) }
```

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

```
.border{ border-color:rgb(211, 202, 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, 202, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 202, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 202, 237);  
box-shadow:4px 4px 4px 4px rgb(211, 202,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2044, 0.2953, 0.2903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 202, 237) }
```

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

```
.background{ background-color: rgb(211,  
202, 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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