

Converting Colors

Yxy(62.4904, 0.3000, 0.3011)

Have a look what the booklet for
Yxy(62.4904, 0.3000, 0.3011)
contains.

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Color

Yxy(62.5445, 0.2999, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	D2CCE5
RGB	210, 204, 229
RGB Percent	82%, 80%, 90%
CMY	0.1765, 0.2000, 0.1019
CMYK	0.08, 0.11, 0.00, 0.10
HSL	254°, 32%, 85%
HSV	254°, 11%, 90%
XYZ	62.3159, 62.5445, 82.9286
YIQ	208.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

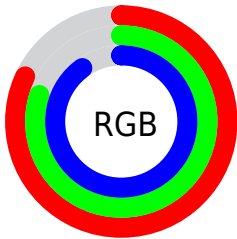
Format	Color
R _Y B	210, 204, 229
Decimal	13815013
CIE Lab	83.20, 6.77, -11.61
CIE LCh	83, 13.439, 300.257
Yxy	62.5445, 0.2999, 0.3010
Android (android.graphics.Color)	4292005093 (0xFFD2CCE5)
YUV	208.6440, 10.0355, 1.1892
Hunter-Lab	79.0851, 2.2521, -6.8119

Details

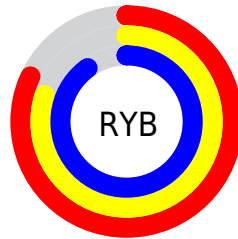
The Yxy color $62.5445, 0.2999, 0.3010$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76.0991, 0.3247, 0.3562$, and the grayscale version is $63.4543, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.8372, 0.2958, 0.2937$ is the 20% darker color. If you saturate the color by 10%, you get $50.0310, 0.2863, 0.2724$, and if you desaturate by 10%, it is $76.9420, 0.3117, 0.3268$.

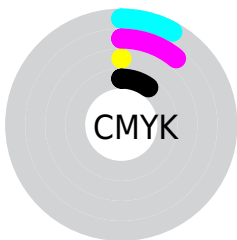
Distribution



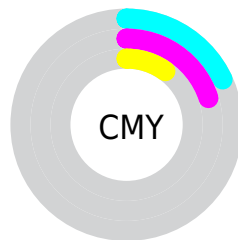
- Red (82%)
- Green (80%)
- Blue (90%)



- Red (82%)
- Yellow (80%)
- Blue (90%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5445, 0.2999, 0.3010 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 62.5445, 0.2999, 0.3010 by changing the saturation by 10% instead.

■ 62.5445, 0.2999,
0.3010

■ 62.5445, 0.2999,
0.3010

433.9145, 0.3061,
0.3141

■ 45.4728, 0.2984,
0.2980

108.5121, 0.3021,
0.3056

■ 31.8300, 0.2966,
0.2942

138.1768, 0.3029,
0.3073

■ 21.2317, 0.2942,
0.2894

172.8080, 0.3036,
0.3089

■ 13.2935, 0.2911,
0.2831

212.7900, 0.3042,
0.3102

■ 7.6309, 0.2866,
0.2744

258.5072, 0.3048,
0.3114

■ 3.8597, 0.2799,
0.2617

310.3442, 0.3053,

■ 1.5954, 0.2686,

0.3124

0.2415

368.6851, 0.3057,
0.3133

0.3545, 0.2422,
0.1710

0.0000, 0.0000,
0.0000

62.5445, 0.2999,
0.3010

62.5445, 0.2999,
0.3010

50.0310, 0.2863,
0.2724

76.9420, 0.3117,
0.3268

39.3151, 0.2710,
0.2414

93.2893, 0.3219,
0.3497

30.3154, 0.2541,
0.2087

98.4381, 0.3280,
0.3542

22.9412, 0.2360,
0.1755

■ 17.0931, 0.2177,
0.1435

■ 12.6606, 0.2000,
0.1150

■ 9.5179, 0.1842,
0.0919

■ 7.5161, 0.1713,
0.0758

■ 6.4682, 0.1625,
0.0669

Harmonies

Analogous

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



62.5445, 0.2867, 0.3015



62.5445, 0.2999, 0.3010



62.5445, 0.3169, 0.3075

Triad

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



62.5445, 0.2999, 0.3010



62.5445, 0.3461, 0.3476



62.5445, 0.2924, 0.3386

Complementary

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



62.5445, 0.2999, 0.3010



76.0991, 0.3247, 0.3562

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.



62.5445, 0.3079, 0.3520



62.5445, 0.2999, 0.3010



62.5445, 0.3391, 0.3569

Square

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



62.5445, 0.2999, 0.3010



62.5445, 0.3440, 0.3339



62.5445, 0.3250, 0.3587



62.5445, 0.2824, 0.3227

Rectangle

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



62.5445, 0.2999, 0.3010



62.5445, 0.3281, 0.3150



62.5445, 0.3250, 0.3587



62.5445, 0.2971, 0.3435

Sweetspot

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



62.5471, 0.2999, 0.3010



94.1295, 0.3094, 0.3216



71.3680, 0.2959, 0.3225



19.8199, 0.3085, 0.3196



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.



62.5471, 0.2999, 0.3010



76.1729, 0.2971, 0.2951



64.4297, 0.3090, 0.3018



14.0532, 0.3017, 0.3050



3.7440, 0.1637, 0.0675



0.3189, 0.1781, 0.0755

Inverse Universe

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



65.1767, 0.3182, 0.3085



80.1414, 0.3194, 0.3043



74.2089, 0.3160, 0.3570



14.5530, 0.3174, 0.3113



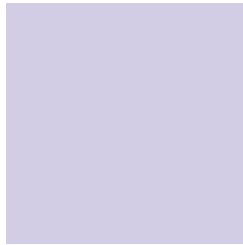
11.2930, 0.3925, 0.1936



0.8488, 0.3798, 0.1866

Previews

White Background



This preview shows how the Yxy color 62.5445, 0.2999, 0.3010 looks on a white background.

Color Contrast Check

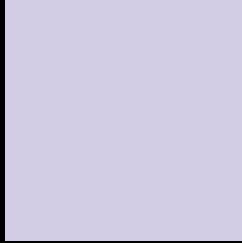
Large Text (above 18pt) WCAG AA × Fail

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 62.5445, 0.2999, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

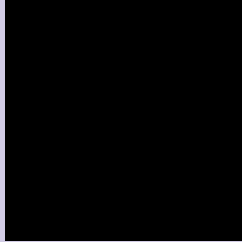
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

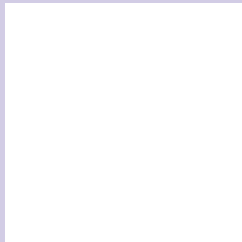
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5445, 0.2999, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 62.5445, 0.2999, 0.3010.



This preview shows how white text looks on a background with the Yxy color 62.5445, 0.2999, 0.3010.

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

62.5445, 0.2999, 0.3010

Protanopia

62.6932, 0.2949, 0.3019

Deuteranopia

62.6499, 0.3051, 0.2992



Tritanopia

62.4384, 0.3046, 0.3109

Trichromacy



Original Color

62.5445, 0.2999, 0.3010

Protanomaly

62.4976, 0.2964, 0.3008

Deuteranomaly

62.6652, 0.3028, 0.3001

Tritanomaly

62.5998, 0.3025, 0.3076

Monochromacy



Original Color

62.5445, 0.2999, 0.3010

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1388, 0.3080, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5445, 0.2999, 0.3010 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(210, 204, 229)` looks like.

```
.text, #text, p{  
    color:rgb(210, 204, 229)  
}
```

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(210, 204, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 204, 229) }
```

Border

The CSS property to change the border of an element to Yxy 62.5445, 0.2999, 0.3010 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(210, 204, 229) }
```

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

```
.border{ border-color:rgb(210, 204, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 204, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 204, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 204, 229);  
box-shadow:4px 4px 4px 4px rgb(210, 204,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5445, 0.2999, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 204, 229) }
```

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

```
.background{ background-color: rgb(210,  
204, 229) }
```

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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