

Converting Colors

Yxy(60.3802, 0.2942, 0.2950)

Have a look what the booklet for
Yxy(60.3802, 0.2942, 0.2950)
contains.

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Color

Yxy(60.3802, 0.2942, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	CCC9E7
RGB	204, 201, 231
RGB Percent	80%, 79%, 91%
CMY	0.1999, 0.2118, 0.0941
CMYK	0.12, 0.13, 0.00, 0.09
HSL	246°, 38%, 85%
HSV	246°, 13%, 91%
XYZ	60.2165, 60.3802, 84.0820
YIQ	205.3170, -7.8420, 9.9660

Conversions

Conversions Part 2

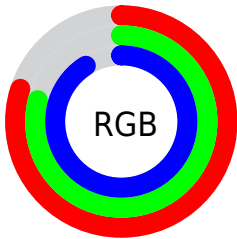
Format	Color
R_YB	204, 201, 231
Decimal	13421031
CIE Lab	82.04, 6.83, -14.45
CIE LCh	82, 15.980, 295.296
Yxy	60.3802, 0.2942, 0.2950
Android (android.graphics.Color)	4291611111 (0xFFCCC9E7)
YUV	205.3170, 12.6617, -1.1550
Hunter-Lab	77.7047, 2.3435, -9.7627

Details

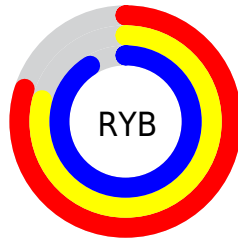
The Yxy color $60.3802, 0.2942, 0.2950$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $77.8597, 0.3300, 0.3613$, and the grayscale version is $61.1875, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.4466, 0.2901, 0.2872$ is the 20% darker color. If you saturate the color by 10%, you get $47.6680, 0.2777, 0.2652$, and if you desaturate by 10%, it is $75.1084, 0.3087, 0.3217$.

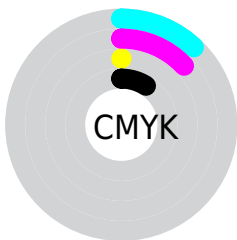
Distribution



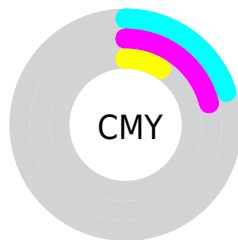
- Red (80%)
- Green (79%)
- Blue (91%)



- Red (80%)
- Yellow (79%)
- Blue (91%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3802, 0.2942, 0.2950 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 60.3802, 0.2942, 0.2950 by changing the saturation by 10% instead.

■ 60.3802, 0.2942,
0.2950

■ 60.3802, 0.2942,
0.2950

425.9978, 0.3031,
0.3110

■ 43.7252, 0.2921,
0.2913

105.3810, 0.2974,
0.3006

■ 30.4545, 0.2894,
0.2867

134.4955, 0.2986,
0.3027

■ 20.1838, 0.2860,
0.2808

168.5321, 0.2996,
0.3046

■ 12.5287, 0.2814,
0.2731

207.8749, 0.3005,
0.3062

■ 7.1048, 0.2749,
0.2624

252.9085, 0.3013,
0.3076

■ 3.5278, 0.2651,
0.2468

304.0173, 0.3020,

■ 1.4131, 0.2487,

0.3089

0.2219

361.5855, 0.3026,
0.3100

0.2263, 0.2015,
0.1194

0.0000, 0.0000,
0.0000

60.3802, 0.2942,
0.2950

60.3802, 0.2942,
0.2950

47.6680, 0.2777,
0.2652

75.1084, 0.3087,
0.3217

36.8768, 0.2593,
0.2326

91.9272, 0.3214,
0.3451

27.9153, 0.2395,
0.1982

98.5496, 0.3268,
0.3522

20.6816, 0.2191,
0.1634

■ 15.0639, 0.1993,
0.1306

■ 10.9374, 0.1815,
0.1022

■ 8.1585, 0.1671,
0.0805

■ 6.5552, 0.1572,
0.0669

■ 5.9551, 0.1529,
0.0616

Harmonies

Analogous

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



60.3802, 0.2796, 0.2969



60.3802, 0.2942, 0.2950



60.3802, 0.3142, 0.3016

Triad

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



60.3802, 0.2942, 0.2950



60.3802, 0.3533, 0.3488



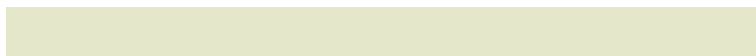
60.3802, 0.2910, 0.3436

Complementary

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



60.3802, 0.2942, 0.2950



77.8597, 0.3300, 0.3613

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.



60.3802, 0.3102, 0.3588



60.3802, 0.2942, 0.2950



60.3802, 0.3465, 0.3612

Square

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



60.3802, 0.2942, 0.2950



60.3802, 0.3489, 0.3318



60.3802, 0.3306, 0.3652



60.3802, 0.2778, 0.3244

Rectangle

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



60.3802, 0.2942, 0.2950



60.3802, 0.3280, 0.3098



60.3802, 0.3306, 0.3652



60.3802, 0.2970, 0.3494

Sweetspot

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



60.3827, 0.2942, 0.2950



91.9656, 0.3073, 0.3191



73.6742, 0.2928, 0.3256



19.3712, 0.3063, 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.



60.3827, 0.2942, 0.2950



70.3681, 0.2893, 0.2861



62.6022, 0.3052, 0.2961



13.9563, 0.2996, 0.3048



3.3630, 0.1535, 0.0619



0.2722, 0.1621, 0.0667

Inverse Universe

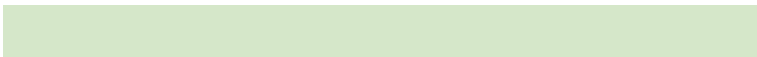
The Inverse Universe completely reimagines the original color for something new.



64.3619, 0.3164, 0.3001



76.4124, 0.3173, 0.2931



75.5155, 0.3194, 0.3624



14.5889, 0.3153, 0.3081



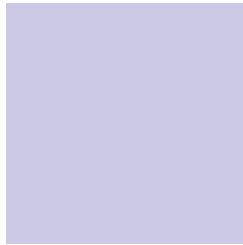
12.0801, 0.3480, 0.1691



0.9000, 0.3435, 0.1666

Previews

White Background



This preview shows how the Yxy color 60.3802, 0.2942, 0.2950 looks on a white background.

Color Contrast Check

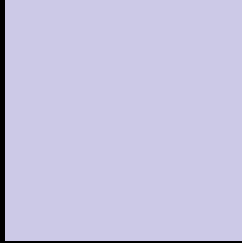
Large Text (above 18pt) WCAG AA × Fail

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 60.3802, 0.2942, 0.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

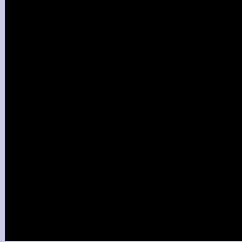
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3802, 0.2942, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 60.3802, 0.2942, 0.2950.



This preview shows how white text looks on a background with the Yxy color 60.3802, 0.2942, 0.2950.

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

60.3802, 0.2942, 0.2950

Protanopia

60.2094, 0.2900, 0.2947

Deuteranopia

60.4653, 0.2993, 0.2932



Tritanopia

60.3829, 0.3008, 0.3105

Trichromacy



Original Color

60.3802, 0.2942, 0.2950

Protanomaly

60.4848, 0.2914, 0.2949

Deuteranomaly

60.4880, 0.2971, 0.2942

Tritanomaly

60.2653, 0.2988, 0.3049

Monochromacy



Original Color

60.3802, 0.2942, 0.2950

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0199, 0.3065, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3802, 0.2942, 0.2950 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(204, 201, 231)` looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 231)  
}
```

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(204, 201, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 231) }
```

Border

The CSS property to change the border of an element to Yxy 60.3802, 0.2942, 0.2950 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(204, 201, 231) }
```

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

```
.border{ border-color:rgb(204, 201, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 201, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 231);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3802, 0.2942, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 231) }
```

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

```
.background{ background-color: rgb(204,  
201, 231) }
```

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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