

Converting Colors

Yxy(60.5158, 0.3060, 0.2984)

Have a look what the booklet for
Yxy(60.5158, 0.3060, 0.2984)
contains.

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Color

Yxy(60.3262, 0.3058, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	D7C6E2
RGB	215, 198, 226
RGB Percent	84%, 78%, 89%
CMY	0.1568, 0.2235, 0.1139
CMYK	0.05, 0.12, 0.00, 0.11
HSL	277°, 32%, 83%
HSV	277°, 12%, 89%
XYZ	61.9468, 60.3262, 80.2999
YIQ	206.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

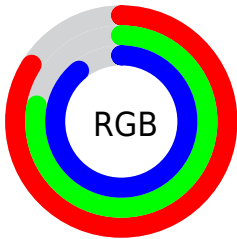
Format	Color
R _Y B	215, 198, 226
Decimal	14141154
CIE Lab	82.02, 11.03, -11.70
CIE LCh	82, 16.082, 313.297
Yxy	60.3262, 0.3058, 0.2978
Android (android.graphics.Color)	4292331234 (0xFFD7C6E2)
YUV	206.2750, 9.7244, 7.6518
Hunter-Lab	77.6699, 6.4428, -6.9286

Details

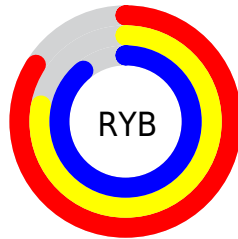
The Yxy color $60.3262, 0.3058, 0.2978$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $71.9929, 0.3189, 0.3607$, and the grayscale version is $61.8450, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.3604, 0.3034, 0.2894$ is the 20% darker color. If you saturate the color by 10%, you get $49.4562, 0.2991, 0.2707$, and if you desaturate by 10%, it is $72.8145, 0.3115, 0.3232$.

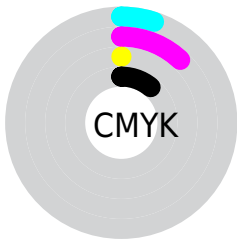
Distribution



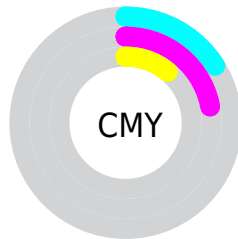
- Red (84%)
- Green (78%)
- Blue (89%)



- Red (84%)
- Yellow (78%)
- Blue (89%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3262, 0.3058, 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 60.3262, 0.3058, 0.2978 by changing the saturation by 10% instead.

60.3262, 0.3058,
0.2978

60.3262, 0.3058,
0.2978

425.7991, 0.3092,
0.3124

43.6816, 0.3050,
0.2944

105.3027, 0.3070,
0.3029

30.4203, 0.3039,
0.2902

134.4034, 0.3075,
0.3049

20.1578, 0.3025,
0.2849

168.4250, 0.3079,
0.3066

12.5098, 0.3006,
0.2778

207.7518, 0.3082,
0.3080

7.0919, 0.2978,
0.2681

252.7682, 0.3085,
0.3093

3.5196, 0.2934,
0.2539

303.8586, 0.3088,

1.4087, 0.2858,

0.3105

361.4074, 0.3090,
0.3115

0.2313

0.2231, 0.2721,
0.1261

0.0000, 0.0000,
0.0000

60.3262, 0.3058,
0.2978

60.3262, 0.3058,
0.2978

49.4562, 0.2991,
0.2707

72.8145, 0.3115,
0.3232

40.1276, 0.2913,
0.2425

86.9783, 0.3163,
0.3467

32.2688, 0.2825,
0.2140

95.8032, 0.3211,
0.3580

25.7993, 0.2729,
0.1863

97.4005, 0.3268,
0.3575

■ 20.6307, 0.2625,
0.1606

■ 98.2687, 0.3298,
0.3572

■ 16.6638, 0.2519,
0.1382

■ 13.7851, 0.2413,
0.1203

■ 11.8577, 0.2313,
0.1076

■ 10.8588, 0.2240,
0.1008

Harmonies

Analogous

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



60.3262, 0.2873, 0.2945



60.3262, 0.3058, 0.2978



60.3262, 0.3267, 0.3087

Triad

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



60.3262, 0.3058, 0.2978



60.3262, 0.3508, 0.3572



60.3262, 0.2819, 0.3322

Complementary

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



60.3262, 0.3058, 0.2978



71.9929, 0.3189, 0.3607

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.



60.3262, 0.2981, 0.3506



60.3262, 0.3058, 0.2978



60.3262, 0.3380, 0.3651

Square

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



60.3262, 0.3058, 0.2978



60.3262, 0.3532, 0.3424



60.3262, 0.3186, 0.3629



60.3262, 0.2739, 0.3135

Rectangle

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



60.3262, 0.3058, 0.2978



60.3262, 0.3392, 0.3191



60.3262, 0.3186, 0.3629



60.3262, 0.2865, 0.3386

Sweetspot

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



60.3288, 0.3058, 0.2978



92.9153, 0.3106, 0.3192



63.1861, 0.2934, 0.3097



19.6111, 0.3102, 0.3173



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.



60.3288, 0.3058, 0.2978



75.2500, 0.3041, 0.2906



61.8874, 0.3162, 0.3016



13.6542, 0.3076, 0.3055



6.2680, 0.2255, 0.1016



0.4858, 0.2400, 0.1096

Inverse Universe

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



61.1510, 0.3267, 0.3169



76.5664, 0.3303, 0.3141



70.5836, 0.3094, 0.3581



13.7888, 0.3231, 0.3199



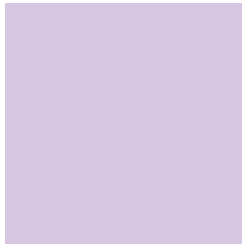
9.6514, 0.5406, 0.2752



0.6862, 0.4994, 0.2525

Previews

White Background



This preview shows how the Yxy color 60.3262, 0.3058, 0.2978 looks on a white background.

Color Contrast Check

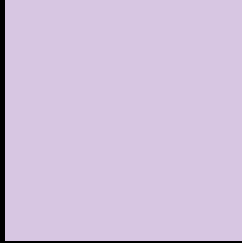
Large Text (above 18pt) WCAG AA × Fail

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 60.3262, 0.3058, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

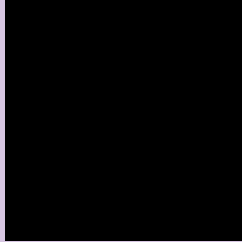
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3262, 0.3058, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 60.3262, 0.3058, 0.2978.



This preview shows how white text looks on a background with the Yxy color 60.3262, 0.3058, 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

60.3262, 0.3058, 0.2978

Protanopia

60.6484, 0.2927, 0.2992

Deuteranopia

60.1753, 0.3050, 0.2977



Tritanopia

60.3610, 0.3120, 0.3120

Trichromacy



Original Color

60.3262, 0.3058, 0.2978

Protanomaly

60.3539, 0.2969, 0.2983

Deuteranomaly

60.1753, 0.3050, 0.2977

Tritanomaly

60.2575, 0.3099, 0.3064

Monochromacy



Original Color

60.3262, 0.3058, 0.2978

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0713, 0.3102, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3262, 0.3058, 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(215, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(215, 198, 226)  
}
```

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(215, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 198, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.3262, 0.3058, 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(215, 198, 226) }
```

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

```
.border{ border-color:rgb(215, 198, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 198, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 198, 226); box-shadow:4px 4px 4px 4px rgb(215, 198, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3262, 0.3058, 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(215, 198, 226) }
```

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

```
.background{ background-color: rgb(215,  
198, 226) }
```

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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