

Converting Colors

$Y_{xy}(60.4922, 0.3030, 0.2920)$

Have a look what the booklet for
Yxy(60.4922, 0.3030, 0.2920)
contains.

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Color

Yxy(60.3010, 0.3030, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	D8C5E7
RGB	216, 197, 231
RGB Percent	85%, 77%, 91%
CMY	0.1531, 0.2274, 0.0941
CMYK	0.07, 0.15, 0.00, 0.09
HSL	273°, 41%, 84%
HSV	273°, 15%, 91%
XYZ	62.7015, 60.3010, 83.9330
YIQ	206.5570, 0.4100, 14.6020

Conversions

Conversions Part 2

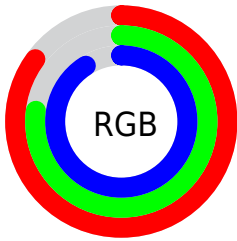
Format	Color
R _Y B	216, 197, 231
Decimal	14206439
CIE _{Lab}	82.00, 12.84, -14.41
CIE _{LCh}	82, 19.303, 311.698
Yxy	60.3010, 0.3030, 0.2914
Android (android.graphics.Color)	4292396519 (0xFFD8C5E7)
YUV	206.5570, 12.0504, 8.2815
Hunter-Lab	77.6537, 8.2357, -9.7268

Details

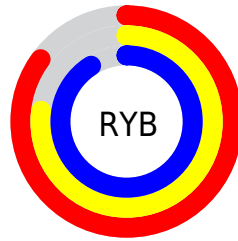
The Yxy color $60.3010, 0.3030, 0.2914$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $75.1860, 0.3213, 0.3670$, and the grayscale version is $62.0174, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $30.3171, 0.3007, 0.2826$ is the 20% darker color. If you saturate the color by 10%, you get $49.0958, 0.2950, 0.2637$, and if you desaturate by 10%, it is $73.2154, 0.3099, 0.3174$.

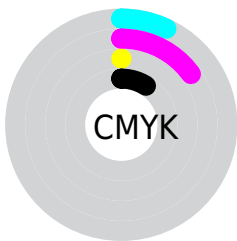
Distribution



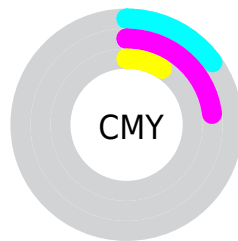
- Red (85%)
- Green (77%)
- Blue (91%)



- Red (85%)
- Yellow (77%)
- Blue (91%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)





- Cyan (15%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3010, 0.3030, 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 60.3010, 0.3030, 0.2914 by changing the saturation by 10% instead.


 60.3010, 0.3030,
0.2914

 60.3010, 0.3030,
0.2914

425.7064, 0.3078,
0.3089

 43.6613, 0.3018,
0.2874


105.2662, 0.3047,
0.2975

 30.4043, 0.3003,
0.2824


134.3604, 0.3054,
0.2999

 20.1457, 0.2984,
0.2760


168.3750, 0.3059,
0.3019

 12.5010, 0.2957,
0.2677

207.6943, 0.3064,
0.3037

 7.0858, 0.2919,
0.2563

252.7027, 0.3068,
0.3052

 3.5158, 0.2859,
0.2399

303.7846, 0.3072,

 1.4066, 0.2756,

0.3066

0.2141

361.3243, 0.3075,
0.3078

0.2216, 0.2590,
0.1095

0.0000, 0.0000,
0.0000

60.3010, 0.3030,
0.2914

60.3010, 0.3030,
0.2914

49.0958, 0.2950,
0.2637

73.2154, 0.3099,
0.3174

39.5176, 0.2858,
0.2348

87.9014, 0.3157,
0.3414

31.4884, 0.2755,
0.2056

96.9939, 0.3214,
0.3526

24.9210, 0.2643,
0.1774

98.5494, 0.3268,
0.3522

■ 19.7191, 0.2525,
0.1513

■ 15.7742, 0.2405,
0.1290

■ 12.9609, 0.2289,
0.1115

■ 11.1260, 0.2181,
0.0993

■ 10.4240, 0.2127,
0.0945

Harmonies

Analogous

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



60.3010, 0.2813, 0.2879



60.3010, 0.3030, 0.2914



60.3010, 0.3282, 0.3040

Triad

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



60.3010, 0.3030, 0.2914



60.3010, 0.3589, 0.3619



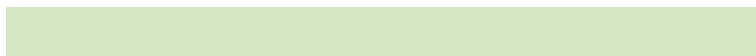
60.3010, 0.2767, 0.3339

Complementary

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



60.3010, 0.3030, 0.2914



75.1860, 0.3213, 0.3670

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.



60.3010, 0.2963, 0.3561



60.3010, 0.3030, 0.2914



60.3010, 0.3440, 0.3722

Square

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



60.3010, 0.3030, 0.2914



60.3010, 0.3612, 0.3436



60.3010, 0.3209, 0.3704



60.3010, 0.2666, 0.3112

Rectangle

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



60.3010, 0.3030, 0.2914



60.3010, 0.3434, 0.3160



60.3010, 0.3209, 0.3704



60.3010, 0.2823, 0.3418

Sweetspot

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



60.3036, 0.3030, 0.2914



92.8183, 0.3103, 0.3192



64.8829, 0.2896, 0.3077



19.5865, 0.3098, 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.



60.3036, 0.3030, 0.2914



70.4813, 0.3004, 0.2822



62.6022, 0.3157, 0.2945



14.2816, 0.3067, 0.3053



5.9187, 0.2143, 0.0954



0.4922, 0.2292, 0.1036

Inverse Universe

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



61.6841, 0.3285, 0.3126



72.5895, 0.3328, 0.3087



73.1332, 0.3098, 0.3662



14.4734, 0.3223, 0.3186



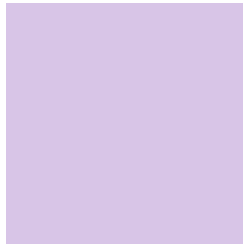
10.0879, 0.5198, 0.2637



0.7639, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 60.3010, 0.3030, 0.2914 looks on a white background.

Color Contrast Check

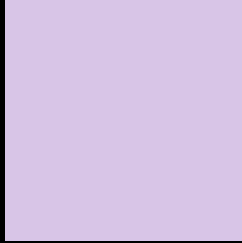
Large Text (above 18pt) WCAG AA × Fail

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 60.3010, 0.3030, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

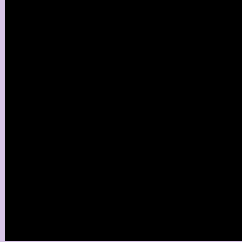
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3010, 0.3030, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 60.3010, 0.3030, 0.2914.



This preview shows how white text looks on a background with the Yxy color 60.3010, 0.3030, 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

60.3010, 0.3030, 0.2914

Protanopia

60.1873, 0.2880, 0.2925

Deuteranopia

60.4653, 0.2993, 0.2932



Tritanopia

60.5110, 0.3127, 0.3120

Trichromacy



Original Color

60.3010, 0.3030, 0.2914

Protanomaly

60.1709, 0.2936, 0.2918

Deuteranomaly

60.3038, 0.3008, 0.2923

Tritanomaly

60.5144, 0.3093, 0.3043

Monochromacy



Original Color

60.3010, 0.3030, 0.2914

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3714, 0.3089, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3010, 0.3030, 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(216, 197, 231)` looks like.

```
.text, #text, p{  
    color:rgb(216, 197, 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(216, 197, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 197, 231) }
```

Border

The CSS property to change the border of an element to Yxy 60.3010, 0.3030, 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(216, 197, 231) }
```

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

```
.border{ border-color:rgb(216, 197, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 197, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 197, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 197, 231);  
box-shadow:4px 4px 4px 4px rgb(216, 197,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3010, 0.3030, 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(216, 197, 231) }
```

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

```
.background{ background-color: rgb(216,  
197, 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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